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EXPLORATION

WESTERN DISTRICT

DIAMOND DRILLING

Telfer and Burgess Groups
Fort Steele Mining Division

Mark Creek Area

N.T.S. 82F/9

- Assessment Report -

FILMED

LATITUDE: 49º 44.5' N

LONGITUDE: 1160 03' W

CHARLENT REPORT

OWNER

Box 2000 Kimberley, L.C. V1A 2G3 7,111

Work performed during October to December, 1987 and January to February , 1988

Report by:

P.W. Ransom Project Geologist

ARIS SUMMARY SHEET

District Geologist, Nelson

Off Confidential: 89.03.04

ASSESSMENT REPORT 17141

MINING DIVISION: Fort Steele

PROPERTY:

Sullivan

LOCATION:

49 44 30 LATLONG 116 03 25

UTM 11 5510116 567949

NTS 082F09E

CLAIM(S):

Telfer, Burgess, Doug, Panta

OPERATOR(S):

Cominco

AUTHOR(S):

Ransom, P.W. 1988, 25 Pages

REPORT YEAR: COMMODITIES

SEARCHED FOR: Lead, Zinc, Silver, Tin

GEOLOGICAL

SUMMARY:

The drill hole reported on herein intersected sediments of the

Middle Proterozoic Middle Aldridge Formation. No sulphide

mineralization of interest was intersected.

WORK

DONE:

Drilling, Physical

DIAD 1738.0 m 1 hole(s);HQ ,NQ

ROAD 1.8 km

TABLE OF CONTENTS

Pa	ıge
1.00 INTRODUCTION	
1.10 Specific Location	
1.20 Property Description	
1.30 <u>Drilling</u>	
1.40 Claims Explored	
DIATE 4 Table Man Garden 144 Cutting Mine	
PLATE 1 - Index Map - Cominco Ltd. Sullivan Mine Claim Block 2	
PLATE 2 - Drilling Surface Plan - DDH 6464 3	
2.00 DETAILED TECHNICAL DATA AND INTERPRETATION	
2.10 <u>Drilling</u> 2.11 Objective 4	
2.11 Objective	
2.13 Interpretation 4	
2.14 Conclusion 4	
APPENDICES:	
A Drill Log	
B Sullivan Mine Group of Mineral Claims	
C Statement of Expenditures - DDH 6464 D Affidavit	
E Statement of Qualifications	

COMINCO LTD.

EXPLORATION NTS 82F/9 WESTERN DISTRICT

DIAMOND DRILLING REPORT

ASSESSMENT REPORT

TELFER AND BURGESS GROUPS

Fort Steele Mining Division

February, 1988

P.W. Ransom

1.00 INTRODUCTION

1.10 Specific Location

DDH 6464, the hole being reported on, was drilled 4 kilometers northwest of Sullivan Mine. Access to the drill site is by exploration access roads.

1.20 Property Description

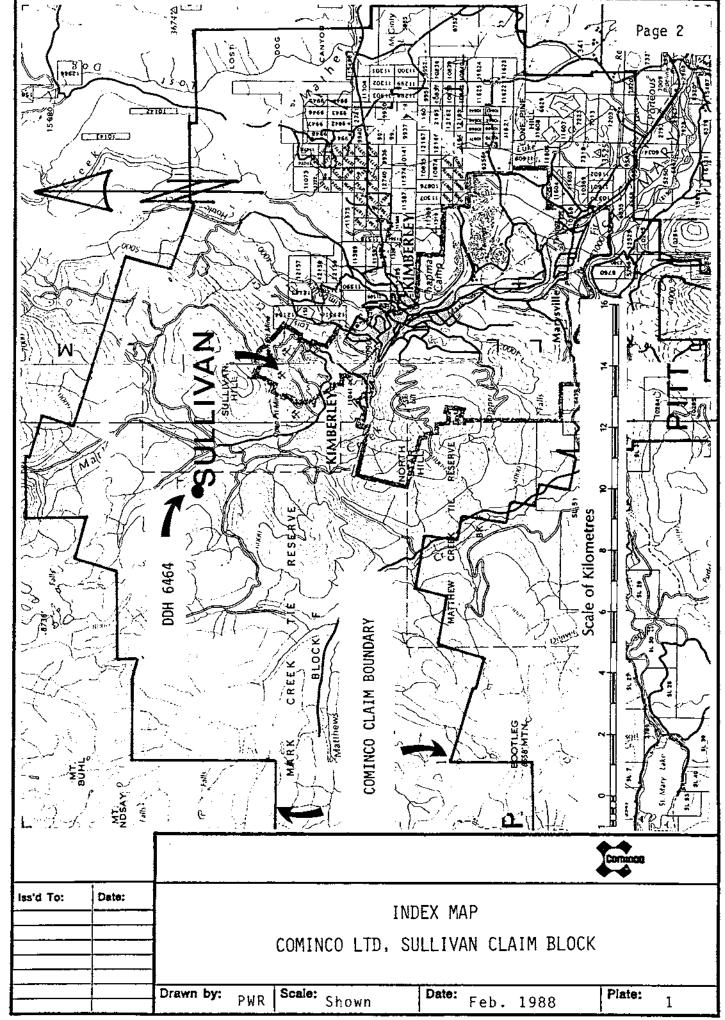
The property being investigated forms part of the Sullivan Mine claim group, owned by Cominco Ltd. Cominco has operated the mine for about 75 years. The Sullivan stratiform Ag-Pb-Zn-Fe sulphide deposit is one of the most important of its type worldwide and has contributed significantly to the mineral wealth generated in the province of British Columbia.

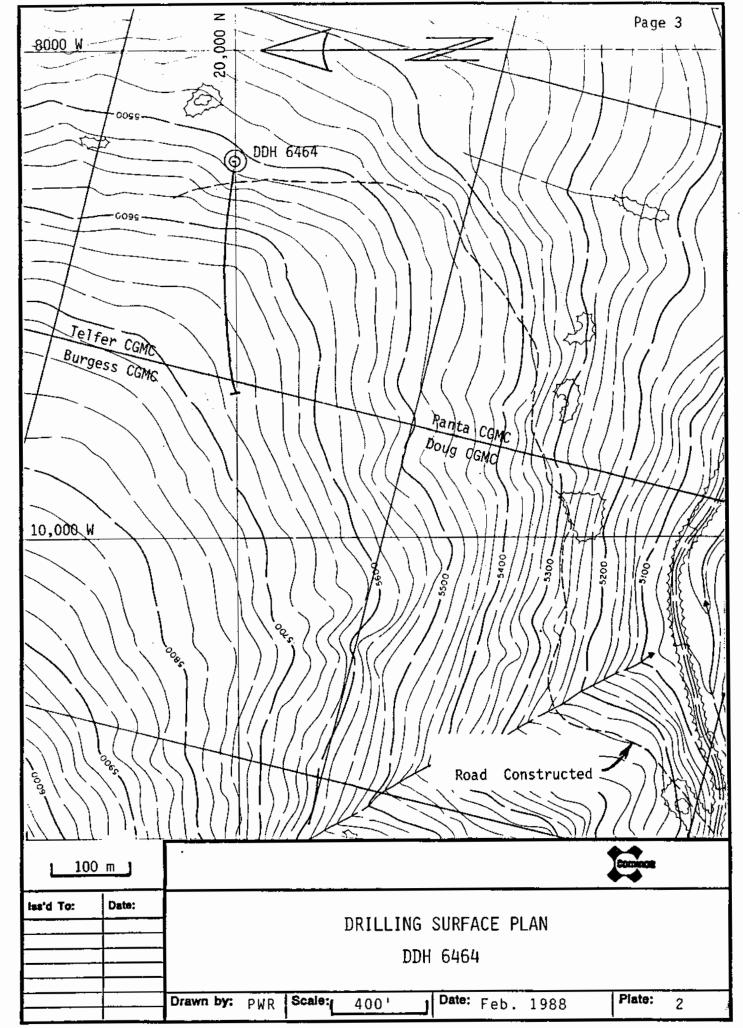
1.30 Drilling

One hole is being reported on. It was collared at -68° dip and was drilled to a depth of 1,738 meters using H and N wireline tools.

1.40 Claims Explored

DDH 6464 was drilled on the Telfer and Burgess Crown Granted Mineral Claims.





2.00 DETAILED TECHNICAL DATA AND INTERPRETATION

2.10 Drilling

2.11 Objective

The Objective of drilling DDH 6464 was to locate the offset continuation of the Sullivan orebody north of the Kimberley Fault.

2.12 Results

DDH 6464 was drilled to a depth of 5701 feet (1738 meters). Rocks cored are siliciclastic and argillaceous sediments and gabbro. A detailed lithologic description is given in the log, Appendix A. No chemical enalytical work has been done on core from this hole.

2.13 Interpretation

The sedimentary rocks cored belong to the Middle Aldridge Formation. The gabbros are typical of Moyie intrusions, commonly found within the Aldridge Formation.

2.14 Conclusion

DDH 6464 penetrated a portion of the Middle Aldridge Formation. The bottom of the hole is estimated to be a substantial distance above the target.

Report by: 2

P.W. RANSOM

Project Geologist

Cominco Ltd.

£

Endorsed by:

J.M. HAMILTON

Manager, Exploration

Western Canada Cominco Ltd.

Copies:

Mining Recorder (2 copies)

Western District Kootenay Exploration APPENDIX A

1 Foot= 0.3048 metres

Diamond Drill Geological Log For D.D.H.	5464					Page 1		
LAT. 20,000'N DEP. 8,450'W ELEV. 5,500 feet	1							
DIP: -68.50 AZIM.: 2700 LENGTH: 5,701 feet	GENERAL COM	MENTS:	Crew and	first load a	errived Oct	t. 28, rig	arrived	
HORIZ COMP. 975 feet VERT COMP. 5,582 feet	Oct. 31.	Field Sup	ervisor J	ohn Cantin,	Drilling F	F <u>orman John</u>	Corsi,	
DATE COLLARED: Nov. 3, 1987 DATE COMPLETED: Feb. 2, 1988	Oriller Ri	chard Dru	ske, help	ers D. Gofo	rth, Bill (Gilroy, Rob	Brown,	
CORE STORAGE: Sullivan Mine				t Kimbrook		_		
DRILED ON CLAIM(S): Telfer and Burgess	1 33311 22			RY SUN SURV				ingle
OBJECTIVE: To explore for the continuation of the Sullivan orebody	Depth	Dip		Angle Unit		Dip	Azm	İnit
north of the Kimberley Fault,	1 Degrin	-68.0	270	900	3901	-84.3	260	20°
PLANNED LENGTH: 6,500 feet	88"	-67.5	273	11	4111'	-84.1	not used	.60
PEANNED LENGTH 0, 300 TEEL	498	-70.5	279		4311	-85.4	251	
TERMINATION COMMENTS: Rig not capable of lowering NO rods safely	751'	70.5	278		4521'	-86.0	243	
below 5,700 feet. Considering replacing rig.	1001.	-70-5 -74-25	275		4719'	-86.2	261	п
	1191'	-74.25 -74.1	273	200	4898	-86.6	255	
	1391.	-74.1 -75.0	268.5	<u></u>	50991	-87.3	255	
	- 1611	-77.0	262.5		5310	-87.3	252	
DRILLED BY: Connors Drilling Ltd.			251.5		5500'	-88.1	254	- .
TYPE DRILL: 56HD	1801	<u>-77.5</u>			2200	-00.1		
CORE SIZE: HQ, NQ	2011	-78.1	261					
PERFORMANCE COMMENTS:	2321	-79.1	. 264					
	2521'	-80.4	262					
	2701'	-80-4	264 _					
	2911	-80.5	263	<u> </u>				
	3121' "	<u>-81.5</u>	260					
	3311	-82.2	262	"				
	3521'	-83.0	262					
	3701	-84.0	260					
				10	G LEGEND			
CASING REMAINING IN HOLE (LENGTH & SIZE): 2,030' NQ				<u>r.</u>	d CEGEIIO			
42' HV	3 850	THICKNES	S CLASSIF	TOSTION		Querts		
TYPE CAP B SEALING METHOD' 2' HW welded Gap.	<u> </u>	INTERNES	3 OFV3311	10111011	_	Λ.	.	•
	1	T i	Very Thi	ck Bedded	7	/×3\cdr	~	•
OTHER MATERIAL REMAINING IN HOLE:	□ !	<u> </u>		ca	_	(\$/9)	λ	
	7 }	Ì	Thick	Bedded	ł	[3]3	\	
	7		30	cm	⊣	\@\\$\	12	
	BEDS	ļ		Bedded		/ 💆 💈	^₹	
SURVEY INSTRUMENT USED: Sperry Sun. See results to right.) cm ———	⊣	/ / *	\$\$\\\ \	Argillite
	⊣ [1	This	Bedded	Friday L		ノダベェ	
ADDITIONAL DOWN HOLE TESTS: Temperature	¬ }			C/B				
Depth Time thermometer on bottom Temperature	<u> </u>	- ·	_	n Bedded	.	ETHOLOGIC CLAS	SIFICATION	
5.578 feet 2 hours 115.50 F	─(<u> </u>			cm ————	_			
5,701 feet 3 hours 118,50 F	┩ ╎ ̄			nated	1	-		
-1:0401 A UANIA - 1 TALIA- 1	LANINA	E		3 cm 	<u>ا</u> ہ۔	311		
	—)	- [-	Thinly	am!nated	ו, טונ	D.H. 641	64	
	ᅰ └	<u>1</u>			ш			

1

		******	**				
Property Sullivan	District Western	Hole No. 80H6464					
Commenced	Location	Tests at	Hor. Comp.	- i		l I	
Completed	Core Size	Corr. Dip	Vert. Comp.	⊣			
Co-ordinates		True Brg.	Logged by		ا	â	ı
Objective		% Recov.	Date	E	g.	Cottar	2
Dona.	ription			Anal		<u>io</u>	쁘
Fediage Descri	repriori				\sqsubset		F
0.0 - 14.0	Gverburden			 	┞		H
14.0 - 243.0	Wacke, subwacke and argillite; do	rk grev and medium grev:	thin bedded with a few		┼-		_
	medium beds; bed contacts sharp	and flat; about 70% of	interval is laminite most	-			_
	of which is very dark gray with pyrrhotite, some bads are light	grey with more widely	spaced black laminae and	<u> </u>	├-	$\vdash\vdash$	_
	with minor disseminated pyrrhotit current (?) lamination others wi			ļ	 		ī
	pyrrhotite especially near the	bases. The latter beds	grade up, in some cases		\vdash		_
	gradually and in others acros some sections, distinct argillit	a planar contact, into a lack of the contact of the	o distinct argillite. In nly lithotype elternating		 		ī
	with the dark lesinite. Two th	ick wacke/subwacke beds	from 157.5 to 159.3 and		 	1	ſ
	189.0 to 190.5 contain a few lith crysts in many of the subwacke	and wacke beds and in	rare lisy intervals up to		\Box		Ī
i	a few cm long. Bedding to core 6	.00 € 181, 550 € 321, 600	@ 61', 59° 2 87', 58°		<u> </u>		ſ
	@ 115' 559 @ 140', 569 @ 170', 58	30 6 136 ', 360 8 223 '.			Г		Γ
243.0 - 264.0	Lithology described above contingrey, fine grained and calcareous	was with addition of qua	rtz arenite that is light				Γ
	at the base. This new lithoty;	e is not abundant, the tw	o thickest beds are 243.0				Ī
	to 243.7 and 246.0 to 247.1; it of 2 cm) of a few graded beds. Beds	or quartz wacke forms the	e thin bases (less then				
	2 027 01 0 100 910000 00001 00001				Γ		Ĺ
264.0 - 336.0	Wacke, subwacke and argillite.	much like first inter	val. medium to dark gray;		上	$oxed{oxed}$	Į,
	thin bedded with rore medium beds with extremely thin lominations	; bed contacts sharp and	flat: dark grey laminite		╀	<u> </u>	L
	beds graded from wacke to argill:	te. Of the latter the gr	adation may be impreceptable	<u> </u>	↓_	<u> </u>	L
	or abrupt with sharp internal con	ntacta. Several beds note	d with dark grey elongate .	. ⊨	 	 	-
				.	┼—	₩'	ŀ
				<u> </u>	1_	<u> </u>	L
							_
			6-6	1	į		ļ
Drill Hole Reco	ord		Cominco Page 3			'	ĺ
51,11 11010 11000	-		◆ •	- 1		1	١
Property Sulliva	n District Western	Hole No. 00H6464		l			l
Commenced	Location	Tests at	Hor. Comp.	\dashv		[l
Completed	Core Size	Corr. Dip	ven, Comp.	\dashv	1	ā	l
Co-ordinates		True Brg.	Logged by	E	ė	1	Ì,
Objective		% Recov.	Date		T Brg.	Sollar	
				Ana	sievis		T
Footage Desc	cription			-+	╁	 	ţ
264.0 - 336.0	lensoid material in a lighter lominites produced by dissolu	matrix, similar bads may	have been precursors to 57'). From 290 - 291' is	-	+-	\top	İ
(Cont'd.)	lominites produced by dissolu an irregular wacke/subwacke with	rip-up clasts and scat	ttered pyrrhotite. Small		\top	1-	ţ
1	an irregular wacke/subwacke with pale grey calcite phenocrysts to core 55° @ 276';, 57° @ 303',	TI COMMONIA ONTERES	CITE ABTH & ATT . DRAGELLA	-	1	1	1
			Aire and thin badded: bad		1		†
336.0 - 410.0	Wacke, subwacke and argillite; = contacts sharp and flat; bed	edium and dark grey; **; **; a graded to argillite al	ternate with laminites and		T	\top	1
	contacts sharp and flat; bed both may have some fine weakly	disseminated pyrrhotite.	Small pale grey calcite homogeneous however some		1	T	1
L.	phenocrysts noted. The graded						

410.0 - 632.0

632.0 - 897.5

Property Sulliva		Hole No. DDH6464				
Commenced	Location	Tests at Corr. Dip	Hor, Comp. Vert. Comp.	\dashv		
Completed	Core Size	True Brg.	Logged by	_		å
Co-ordinates	(n = 1 + 2 ·	% Recov.	Date	[_E	ė	2
Objective		A ROLDE.	Date	Clarin	T Bro	Collar
	plion			Ana	lysis	-
rom to		<u> </u>	······································		T	\top
897.5 - 909.0	Wacke, subwacke and argillit contacts sharp to distinct and				╆	+
	structures, some feint cross la					┿
909.0 - 934.0	Quartz wacke, wacke, minor and medium bedded; contacts who				1	1
	irregularities and one good los	d structure; beds are feet	tureless except for grading.		1	
	Hinor bleaching on some fractu- parallul to bedding; slickensid					\prod
	to core 71° ₹ 923'.					\Box
934.0 - 1082.0	Intervals of quartz wacke, qua				<u> </u>	↓.
	wacke, subwacke and argillite. sedium bedded; contacts are sha			<u> </u>		╄
	beds are featurelesss except fo	or grading and tops are us	ually subwacks or argillits.		\perp	╄
	The shorter intervals are media contacts are sharp to distinct			\vdash	\downarrow	1
	Intervals of thinner beds are: 962.0 - 973.0'; 977.0 - 980.0';	934.0 - 937.0'; 940.0	- 950.0'; 951.0 - 953.0';	\vdash	-	+
	1036.4 - 1037.2'; 1042.3 - 1044	.5'; 1046.5 - 1050.0'; 10 ⁵	56.5 - 1058.5'; (Run 1059.0		 -	-
	- 1061.5' is 1.5 feet shor 70° @ 935'; 70° @ 966'; 70° @	t); 1071.5 - 1079.8. Bed 989': 70° @ 1015': 68° (dding (where flat) to core: & 1037'; 60° @ 1049': 67°			+
	e 1079'.				+-	+
1082.0 - 1129.0	Wacks, subwacks and argillite:	medium and dark grey; med.	ium, thick and thin bedded;	-	+	+
	contacts sharp and flat; many b composition) generally have cur	eds graded, the coarse	et (approach quartz wacke	<u>.</u> –	-	+
 	pyrrhotite (rupresent about 25%	of interval) - one bed 1:	104.0 - 1104.5' has pyrrhotite	· -	+	╁╴
ĺ	grains up to 3X5 mm at base prosent are dark grey laminit	and that grade in also the same and distinctive home	to minute at the top. Also openeous subwacke/argillite		+	+
	bed tops. Bedding to core 740	@ 1086'; 68° @ 1111'; 70	@ 1128'.		+	+
					1	
						<u> </u>
Drill Hole Reco	rd		Paginon Page 5		<u>† </u>	
Drill Hole Reco		Hote No. 70046868	Cominco Page 5			
Property Sulliva	n District Western	Hole No. DDH6464			 	
Property Sulliva	n District Western Location	Hole No. DDH 6464 Tests at Corr. Dip	Bomingo Page 5 Hor. Comp. Vert. Comp.		 	
Property Sulliva Commenced Completed	n District Western	Tests at Corr. Dip	Hor, Comp. Vert. Comp.			e d
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Property Sulliva Commenced Completed Co-ordinates Objective Footage Dasc	n District Western Location Core Size	Tests at Corr. Dip True Brg. % Recov.	Hor, Comp. Vert. Comp. Logged by Cate			Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Dasc	n District Western Location Core Size iption Quartz erenite, quartz wack- argillite; medium and light gr	Tests at Corr. Dip True Brg. % Recov. e with, from 1143.0 - 1 ey; quartz arenite/ quartz	Hor. Comp. Vert. Comp. Logged by Date 1160.5', wacke, subwacke and twacke is thick and medium			Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Dasc	n District Western Location Core Size iption Quartz arenite, quartz wacke	Tests at Corr. Dip True Brg. % Recov. e with, from 1143.0 - 1 ay; quartz arenite/ quartz to distinct and flat to	Hor. Comp. Vert. Comp. Logged by Date 1160.5', wacke, subwacke and a wacke is thick and medium undulating; quartz arenite/			Collar Dip
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Property Sulliva Commenced Completed Co-ordinates Objective Footage Dasc	n District Western Location Core Size Spillon Guartz erenite, quartz wacke argillite; medium and light grobedded; bed contacts sharp quartz wacke beds are greeded	Tests at Corr. Dip True Brg. % Recov. e with, from 1143.0 - 1 ey; quartz arenite/ quartz to distinct and flat to otherwise featureless. cts sharp to distinct and hrads and clasts of argill	Hor. Comp. Vert. Comp. Logged by Date 1160.5', wacke, subwacke and a wacke is thick and hedium undulating; quartz arenite/ Wacke/argillite bads are flat to undulating; a thick			Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Dasc 1129.0 - 1168.0	District Western Location Core Size Core	Tests at Corr. Dip True Brg. % Recov. e with, from 1143.0 - 1 ey; quartz arenite/ quartz to distinct and flat to otherwise featureless. cts sharp to distinct and hreds and clasts of argill 1143', 65° @ 1160'.	Hor. Comp. Vert. Comp. Logged by Date 160.5', wacke, subwacke and a wacke is thick and medium undulating; quartz arenite/ Wacke/argillite beds are flat to undulating; a thick lite indicative of resediment-			Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Dasc	District Western Location Core Size iption Quartz arenite, quartz wacks argillite; medium and light grabeded; bed contacts sharp quartz wacks beds are graded sedium to thin bedded; contact and several medium beds have slation. Bedding to core 710 @ Wacks, subwacks and argillite with a few isolated thick beds.	Tests at Corr. Dip True Brg. % Recov. e with, from 1143.0 - 1 ey; quartz arenite/ quartz to distinct and flat to otherwise featureless. cts sharp to distinct and hreds and clasts of argill 1143', 65° @ 1160'. ; medium with some dark g ; bed contacts are sharp a	Hor. Comp. Vert. Comp. Logged by Date 1160.5'. wacke, subwacke and a wacke is thick and medium undulating; quartz arenite/ Wacke/argillite beds are flat to undulating; a thick lite indicative of resediment- grey; medium and thin bedded and flat; grading is common			Collar Dip
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Property Sulliva Commenced Completed Co-ordinates Objective Footage Dasc 1129.0 - 1168.0	District Western Location Core Size Core	Tests at Corr. Dip True Brg. % Recov. e with, from 1143.0 - 1 ay: quartz arenite/ quartz to distinct and flat to otherwise featureless. cts sharp to distinct and hrads and clasts of argill 1143', 65° @ 1160'. ; medium with some dark g ; bed contacts are sharp a tite in bed bases and more grey laminites, base of , medium beds of predomi pyrrhotite, medium wacke quartz sand grains, mediu ck bed from 1286 - 1289'	Hor. Comp. Vert. Comp. Logged by Date 160.5', wacke, subwacke and ewacke is thick and medium undulating; quartz arenite/ Wacke/argillite beds are flat to undulating; a thick lite indicative of resedimentated in the second of the second	Ans		Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Dasc 1129.0 - 1168.0	District Western Location Core Size Core	Tests at Corr. Dip True Brg. % Recov. e with, from 1143.0 - 1 ey; quartz arenite/ quartz to distinct and flat to otherwise featureless. cts sharp to distinct and hreds and clasts of argill 1143', 65° @ 1160'. ; medium with some dark g ; bed contacts are sharp a tite in bed bases and more grey laminites, base of , medium beds of predomi pyrrhotite, medium wacke quartz sand grains, mediu ck bed from 1286 - 1287' e (1-5 mm) grains of pyrrhot lctte fracture). From	Hor. Comp. Vert. Comp. Logged by Date 1160.5', wacke, subwacke and a wacke is thick and medium undulating; quartz arente/ Wacke/argillite beds are flat to undulating; a thick lite indicative of resedimentative indicative of resedimentative indicative of resedimentative indicative i	Ans		Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Dasc 1129.0 - 1168.0	Location Core Size C	Tests at Corr. Dip True Brg. % Recov. e with, from 1143.0 - 1 ey; quartz arenite/ quartz to distinct and flat to otherwise featureless. cts sharp to distinct and hrads and clasts of argill 1143', 65° @ 1160'. ; medium with some dark g ; bed contacts are sharp a tite in bed bases and more grey laminites, base of , medium beds of predomi pyrrhotite, medium wacke quartz sand grains, mediu ck bed from 1286 - 1289' e (1-5 mm) grains of pyrrh lcite fracture). From as large fold is penetr Pyrrhotite was noted i	Hor. Comp. Vart. Comp. Logged by Date 1160.5', wacke, subwacke and a wacke is thick and medium undulating; quartz arenite/ Wacke/argillite beds are flat to undulating; a thick lite indicative of resedimentary; wackely dissominated above, a thick bed at 1884' has inantly orgillite have wacke bed at 1209' is calcareous im beds of quartz wacke from contains argillite clasts notite disseminated throughout 1290 to 1510' bedding to rated, core in about 25% of in 1-3 mm seems on several	Ans		Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Dasc 1129.0 - 1168.0	District Western Location Core Size Core Solidate Core Solid	Tests at Corr. Dip True Brg. % Recov. e with, from 1143.0 - 1 ey; quartz arenite/ quartz to distinct and flat to otherwise featureless. cts sharp to distinct and hreds and clasts of argill 1143', 65° @ 1160'. ; medium with some dark g ; bed contacts are sharp a tite in bed bases and more grey laminites, base of , medium beds of predomi pyrrhotite, medium wacke quartz sand grains, mediu ck bed from 1286 - 1289' e (1-5 mm) grains of pyrrh lcite fracture). From as large fold is penetr Pyrrhotite was noted i inlets. Broken core 1290	Hor. Comp. Vert. Comp. Logged by Date 1160.5', wacke, subwacke and a wacke is thick and medium undulating; quartz arenite/ Wacke/argillite beds are flat to undulating; a thick lite indicative of resedimentative indicative of resedimentative indicative indicative of resedimentative indicative wacke bed at 1209' is calcareous in beds of quartz wacke from contains argillite clasts indicative disseminated throughout 1290 to 1510' bedding to cated, core in about 25% of in 1-3 mm seams on several - 1336' with short segments	Ans		Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Dasc 1129.0 - 1168.0	District Western Location Core Size Core Core Core ore Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core Core	Tests at Corr. Dip True Brg. % Recov. e with, from 1143.0 - 1 ey; quartz arenite/ quartz to distinct and flat to otherwise featureless. cts sharp to distinct and hreds and clasts of argill 1143', 650 @ 1160'. ; medium with some dark g ; bed contacts are sharp a tite in bed bases and more grey laminites, base of , medium beds of predomi pyrrhotite, medium wacke quartz sand grains, mediu ck bed from 1286 - 1289' e (1-5 mm) grains of pyrrh licite fracture). From as large fold is penetr Pyrrhotite was noted in inlets. Broken core 1290 ls from 1326.5 - 1330.0, cleavage if present in	Hor. Comp. Vert. Comp. Logged by Date 160.5', wacke, subwacke and a wacke is thick and medium undulating; quartz arenite/ Wacke/argillite beds are flat to undulating; a thick lite indicative of resedimentary; medium and thin bedded and flat; grading is common a weakly disseminated above, a thick bed at 1884' has inantly argillite have wacke bed at 1209' is calcareous im beds of quartz wacke from contains argillite clasts notite disseminated throughout 1290 to 1510' bedding to rated, core in about 25% of in 1-3 mm seams on several 1336' with short segments, broken 1465 - 1508' with opposite sense to bedding;	Ans		Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Dasc 1129.0 - 1168.0	pillon Quartz arenite, quartz wacks argillite; medium and light grobeded; bed contacts sharp quartz wacks beds are graded sedium to thin bedded; contacts and several medium beds have slation. Bedding to core 710 @ Wacks, subwacks and argillite with a few isolated thick beds often with disseminated pyrrhot many of the thin beds are dark Bouxa B current laminations wisps containing disseminated; and contains medium and fine 1226 - 1229', portion of a thin up to 1%4 cm in size and coarse (and a 2 mm wide pyrrhotito-ca core angle changes radically this interval is badly broken, bed contacts and rarely in ve of good core, gouga in interval fair intervals. Bedding/with 740 w 1169', 670 @ 1179', 710	Tests at Corr. Dip True Brg. % Recov. e with, from 1143.0 - 1 ey; quartz arenite/ quartz to distinct and flat to otherwise featureless. cts sharp to distinct and hreds and clasts of argill 1143', 65° @ 1160'. ; medium with some dark g ; bed contacts are sharp a tite in bed bases and sore grey laminites, base of , medium beds of predomi pyrrhotite, medium wacke quartz sand grains, mediu kb bed from 1286 - 1289' e (1-5 mm) grains of pyrrh lcite fracture). From as large fold in penetx Pyrrhotite was noted i inlets. Broken core 1290 ls from 1226.5 - 1330.0, cleavage if present in @ 1195'; 71° @ 1211';	Hor. Comp. Vert. Comp. Logged by Date 1160.5', wacke, subwacke and twacke is thick and medium undulating; quartz arenite/ Wacke/argillite beds are flat to undulating; a thick lite indicative of resediment— grey; medium and thin bedded and flat; grading is common a weakly dissominated above, for thick bed at 1884' has inantly argillite have wacke bed at 1209' is calcareous im beds of quartz wacke from contains argillite clasts notite disseminated throughout 1290 to 1510' bedding to rated, core in about 25% of in 1-3 mm seams on several - 1336' with short segments, broken 1465 + 1508' with opposite sense to bedding: 750 @ 1237'; 740 @ 1258';	Ans		Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Dasc 1129.0 - 1168.0	District Western Location Core Size Core Core Core	Tests at Corr. Dip True Brg. % Recov. **Becov. **Beco	Her. Comp. Vert. Comp. Logged by Date 1160.5', wacke, subwacke and a wacke is thick and medium undulating; quartz arenite/ Wacke/argillite beds are flat to undulating; a thick lite indicative of resedimentary; medium and thin bedded and flat; grading is common a weakly dissominated above, a thick hed at 1884' has inantly argillite have wacke bed at 1209' is calcareous in beds of quartz wacke from contains argillite clasts occurred disseminated throughout 1290 to 1510' bedding to rated, core in about 25% of in 1-3 mm seams on several - 1336' with short segments, broken 1465 + 1508' with opposite sense to bedding: 750 @ 1237'; 740 @ 1258'; 70/300 @ 1300'; 400 @ 1301'; @ 1309'; 00 from 1310-1312';	Ans		Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Dasc 1129.0 - 1168.0	District Western Location Core Size Core Saling for Core Core Saling for	Tests at Corr. Dip True Brg. % Recov. e with, from 1143.0 - 1 ey; quartz arenite/ quartz to distinct and flat to otherwise featureless. cts sharp to distinct and hrads and clasts of argill 1143', 65° @ 1160'. ; medium with some dark g ; bed contacts are sharp a tite in bed bases and more grey laminites, base of pyrrhotite, medium wacke quartz sand grains, mediu ck bed from 1286 - 1289' e (1-5 mm) grains of pyrrh lotte fracture). From as large fold is penetr Pyrrhotite was noted i nilets. Broken core 1290 ls from 1326.5 - 1330.0, cleavage if present in @ 1195'; 71° @ 1211'; @ 1294'; 57° @ 1297'; 47 ; 22° @ 1306'; 140'33°(?) 1 "rregular zone at 1315 1316'; 46° @ 1319'; 46°	Hor. Comp. Vert. Comp. Logged by Date 1160.5', wacke, subwacke and a wacke is thick and medium undulating; quartz arenite/ Wacke/argillite beds are flat to undulating; a thick lite indicative of resediment— grey; medium and thin bedded and flat; grading is common a weakly dissominated above, a thick hed at 1884' has imantly argillite have wacke bed at 1209' is calcareous im beds of quartz wacke from contains argillite clasts notite disseminated throughout 1290 to 1510' bedding to rated, core in about 25% of in 1-3 mm seams on several — 1336' with short segments, broken 1465 — 1508' with opposite sense to bedding: 750 @ 1237'; 740 @ 1258'; 70/300 @ 1300'; 400 @ 1301'; 8 1309'; 00 from 1310-1312'; 5' to 300'/320 at 1315', 900-/400 @ 1324'; 300 @ 1325';	Ans		Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Dasc 1129.0 - 1168.0	District Western Location Core Size Core	Tests at Corr. Dip True Brg. % Recov. **Becov. **Beco	Her. Comp. Vert. Comp. Logged by Date 1160.5', wacke, subwacke and a wacke is thick and medium undulating; quartz arenite/ Wacke/argillite beds are flat to undulating; a thick lite indicative of resedimentary; medium and thin bedded and flat; grading is common a weakly disseminated above, a thick hed at 1884' has inantly argillite have wacke bed at 1209' is calcareous in beds of quartz wacke from contains argillite clasts occurred in 1-3 mm seams on several 1-1336' with short segments, broken 1465 - 1508' with opposite sense to bedding: 750 @ 1237'; 740 @ 1258'; 70/300 @ 1300'; 400 @ 1301'; 8 1309'; 00 from 1310-1312'; 5' to 300'/320 at 1315', 900 % 1324'; 300'/400 @ 1325'; 50 @ 1362'; 300'/400 @ 1375';	Ans		Collar Dip

Drill Hole Reco	ord		Cominco Page 6]
Bronestu Sulli	van nietrint Western	Note No. DDX6464	\$ 4		1	
Ficherta		710/6 (40.)	}	J
Commenced	Location	Tests at	Hor, Comp.	-	Ì	
Completed	Core Size	Corr. Dip	Vert. Comp.			_
o-ordinates	·····	True Brg.	Logged by	_	1	ā
Objective		% Recov.	Date		9,0	Collar
				Ū.	<u>. – .</u>	8
	ription			Anal	lysia	7
rom To					†	1
1523.0 - 1593.0	Quartz wacke and quartz arenite			 -	+	-
	The former is light to medium bedded; contacts distinct to ve	grey; grains to line sand s sque, most flat, some load	Fize: thick, rarely medium	- }	₩-	┥
	E portion is very minor. Alter					┇
	some quartz veinlets, patchy ch				↓_	
	from 1539' - 1544', 1548 - 1 medium and thin bedded with so				↓_	丄
	bads are graded. Thick subwar	cke and argillite beds betwe	en 1584 and 1588' contain	[Į	İ
	pyrrhotitiferous wacke dikes 0.				Т	T
	separated into segments during and pyrite noted on fractures,			·	†	1-
	680 (irregular) @ 1523', 709			-	1-	十
	69° @ 1575′.			⊢	┿	╂
1593.0 - 1789.0	Wacke, subwacke and argillite;	sadius and dark crevi		<u> </u>		
20,0.0 1,09.0	•	d; bed contacts shorp and fl	lat or undulating; graded	ldash	\perp	₩
	beds alternate with dar	rk laminites; graded base	es Often have disseminated		L	
	• •	ross laminated (Bouma CE and thin hadded, fee thick hads			1	
		thin bedded, few thick beds r mostly wacke/subwacke wi			1	\top
	of pyrrhotite with a quar	rtz wacke base overlying a		\vdash	+	1
	(1664'). 1674.0 - 1680.0' thin bedde	ed; contacts sharp and fl	latt small fold faulted at	-	+-	+-
	1675.0.	sa, concaces enary and II	oc, ameli tole lented de	 —	+	+
			beds: most beds graded.	Į	4	1
		thin bedded, three thick		ļ	┿	+
	many of the wacke bases	have weak disseminated by	yrrhotite. Thim laminates			
	many of the wacke bases frequently separate beds;	have weak disseminated py bed contacts shorp to di	yrrhotite. Thin laminates istinct and flat, rerely		_	F
	many of the wacke bases frequently separate beds;	have weak disseminated by	yrrhotite. Thin laminates istinct and flat, rerely			
	many of the wacke bases frequently separate beds;	have weak disseminated py bed contacts shorp to di	yrrhotite. Thin laminates istinct and flat, rerely			
	many of the wacke bases frequently separate beds;	have weak disseminated py bed contacts shorp to di	yrrhotite. Thin laminates istinct and flat, rerely			
	many of the wacke bases frequently separate beds; wavy. Disaggragated bed o	have weak disseminated py bed contacts shorp to di	yrrhotite. Thin laminates istinct and flat, rerely			1
Drill Hole Reco	many of the wacke bases frequently separate beds; wavy. Disaggragated bed o	have weak disseminated py bed contacts shorp to di	yrrhotite. Thin laminates istinct and flat, rerely			
Cult lun	many of the wacke bases frequently separate beds; wavy. Disaggragated bed o	have weak disseminated py bed contacts shorp to di of argillite and subwacke at	yrrhotite. Thin laminates istinct and flat, rerely t 1710'.			
Drill Hole Reco	many of the wacke bases frequently separate beds; wavy. Disaggragated bed of the bases of the ba	have weak disseminated py bed contacts shorp to di of argillite and subwacke at Hole No. DDH6464	gominon Page 7			
Cult lun	many of the wacke bases frequently separate beds; wavy. Disaggragated bed of the bases of the ba	have weak disseminated py bed contacts shorp to di of argillite and subwacke at Hole No. DDH5464	Gominon Page 7 Hor. Comp.	-		
Property Sulliva	many of the wacke bases frequently separate beds; wavy. Disaggragated bed of the bases of the ba	have weak disseminated py bed contacts shorp to di of argillite and subwacke at Hole No. DDH6464	gominon Page 7			
Property Sulliva Commenced	many of the wacke bases frequently separate beds; wavy. Disaggragated bed of the bases of the ba	have weak disseminated py bed contacts shorp to di of argillite and subwacke at Hole No. DDH5464	Gominon Page 7 Hor. Comp.			dig
Property Sulliva Commenced Completed	many of the wacke bases frequently separate beds; wavy. Disaggragated bed of the bases of the ba	have weak disseminated py bed contacts shorp to di of argillite and subwacke at Hole No. DDH6464 Tests at Corr. Dip	Common Page 7 Hor. Comp. Verl. Comp.		Bro.	liar Dip
Property Sulliva Commenced Completed Co-ordinates	many of the wacke bases frequently separate beds; wavy. Disaggragated bed of the bases of the ba	have weak disseminated py bed contacts shorp to di of argillite and subwacke at Hole No. DDH6464 Tests at Corr. Dip True Brg.	Bomines Page 7 Hor. Comp. Logged by	<u> ö</u>	H Brg.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Description	many of the wacke bases frequently separate beds; wavy. Disaggragated bed of the bases of the ba	have weak disseminated py bed contacts shorp to di of argillite and subwacke at Hole No. DDH6464 Tests at Corr. Dip True Brg.	Bomines Page 7 Hor. Comp. Logged by	Analia Maria	H Brg.	Coller Dip
Property Sulliva Commenced Completed Co-ordinates Objective	many of the wacke bases frequently separate beds; wavy. Disaggragated bed of the wavy. Disagg	have weak disseminated py bed contacts shorp to di of argillite and subwacke at Hole No. DDH6464 Tests at Corr. Dip True Brg.	Bomines Page 7 Hor. Comp. Logged by	<u> ö</u>	H Brg.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective optage Peace Tem To Deace 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggragated bed of the bases of the ba	Hole No. DDH5464 Tests at Corr. Dip True Brg. **Recov.	Gominon Page 7 Hor. Comp. Vert. Comp. Logged by Date of thin beds. Both thick	<u> ö</u>	H Brg.	Coller Dip
Property Sulliva Commenced Completed Co-ordinates Objective Coolage Description	many of the wacke bases frequently separate beds; wavy. Disaggregated bed of the many of the wavy. Disaggregated bed of the many of the ma	Hole No. DDH5464 Tests at Corr. Dip True Brg. **Recov.	Gominon Page 7 Hor. Comp. Verl. Comp. Logged by Date of thin beds. Both thick Upper one is approaching	<u> ö</u>	H Brg.	Colliar Dip
Property Sulliva Commenced Completed Co-ordinates Objective ootage Peace 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggragated bed of the wavy. Disaggragated bed of the wavy. Disaggragated bed of the wavy. Disaggragated bed of the wavy. Disaggragated wavy. Disaggragated and the wavy	Hole No. DDH6464 Tests at Corr. Dip True Brg. **Recov.	Bominos Page 7 Hor. Comp. Verl. Comp. Logged by Date of thin beds. Both thick Upper one is approaching is slightly larger argillite	<u> ö</u>	H Brg.	Collar Dip
Property Sulliva Commenced Congleted Co-ordinates Objective Octobe To Description 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggragated bed of the many of t	Hole No. DDH6464 Tests at Corr. Dip True Brg. W. Recov. beds separated by 2.5' cat likely resedimented. and has numerous granule and the basel half and acatter lite with fine wisps of align.	Gomines Page 7 Hor. Comp. Verl. Comp. Logged by Date of thin beds. Both thick Upper one is approaching is slightly larger argillite red pyrrhotite throughout. shtly pyrrhotitic subwacke.	<u> ö</u>	H Brg.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective ootage Peace 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggrayated bed of the control of the	Hole No. DDH6464 Hole No. DDH6464 Tests at Corr. Dip True Brg. % Recov. beds separated by 2.5' at likely resedimented. and has numerous granule and the beath fine wisps of \$1ig\$ is with quite a few medium.	Bominon Page 7 Hor. Comp. Verl. Comp. Logged by Date of thin beds. Both thick Upper one is approaching is slightly larger argillite red pyrrhotitic subwacke. beds; dark grey leminites	<u> ö</u>	H Brg.	Collar Dia
Property Sulliva Commenced Completed Co-ordinates Objective Octobe To Description 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggrayated bed of the control of the	Hole No. DDH6464 Tests at Com. Dip True Brg. **Recov. beds separated by 2.5' bet likely resedimented. and has numerous granule and the basel half and acatter lite with fine wisps of alig i with quite a few medium y beds predominantly argilli	BOMMED Page 7 Hor. Comp. Verl. Comp. Logged by Date of thin beds. Both thick Upper one is approaching is lightly larger argillite red pyrrhotitic subwacke. beds; dark grey laminites its with bases that grade	<u> ö</u>	H Brg.	Cellar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Octobe To Description 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggragated bed of the control of the	Hole No. DDH5464 Hole No. DDH5464 Tests at Corr. Dip True Brg. % Recov. beds separated by 2.5' bat likely resedimented. and has numerous granule and the basel half and acatter it with quite a few medium y beds predominantly argilli Most of these bases and the have disseminated pyrrhoti	Gominos Page 7 Hor. Comp. Vert. Comp. Logged by Date of thin beds. Both thick Upper one is approaching is lightly larger argillite red pyrrhotite subwacke. beds; dark grey laminites its with bases that grade is few wacke/subwacke wispy its and in more weathered	<u> ö</u>	H Brg.	Collar Dip
Property Sulliva Commenced Congleted Co-ordinates Objective Octobe To Description 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggrayated bed of the control of the	Hole No. DDH6464 Tests at Corr. Dip True Brg. **Recov. beds separated by 2.5' and has numerous granule and the base fine with quite a few medium; y beds predominantly argilli Most of these bases and the have disseminated pyrrhoti(ten with minor calcite).	BOMMER Page 7 Hor. Comp. Verl. Comp. Logged by Date of thin beds. Both thick Upper one is approaching is lightly larger argillite red pyrrhotite throughout. shtly pyrrhotitic subwacke, beds; dark grey leminites ite with bases that grade if ew wacke/subwacke wispy ite and in more weathered Pyrrhotitie is up to 50%	<u> ö</u>	H Brg.	Collar Dip
Property Sulliva Commenced Congleted Co-ordinates Objective Octobe To Description 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggrayated bed of the control of the	Hole No. DDH5464 Hole No. DDH5464 Tests at Corr. Dip True Brg. % Recov. beds separated by 2.5' bat likely resedimented. and has numerous granule and the basel half and acatter it with quite a few medium y beds predominantly argilli Most of these bases and the have disseminated pyrrhoti	BOMMER Page 7 Hor. Comp. Verl. Comp. Logged by Date of thin beds. Both thick Upper one is approaching is lightly larger argillite red pyrrhotite throughout. shtly pyrrhotitic subwacke, beds; dark grey leminites ite with bases that grade if ew wacke/subwacke wispy ite and in more weathered Pyrrhotitie is up to 50%	<u> ö</u>	H Brg.	Collar Dip
Property Sulliva Commenced Congleted Co-ordinates Objective Octobe To Description 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggragated bed of the control of the	Hole No. DDH5464 Hole No. DDH5464 Tests at Corr. Dip True Brg. % Recov. beds separated by 2.5' bat likely resedimented. and has numerous granule and the basel half and scatter lite with fine wisps of slight with quite a few medium y beds predominantly argilli Moat of these bases and the have disseminated pyrrhotiften with minor calcite). arenite sandstone dike cuts	GOMMINGS Page 7 Hor. Comp. Verl. Comp. Logged by Date of thin beds. Both thick Upper one is approaching a slightly larger argillite red pyrrhotite subwacke. beds; dark grey laminites its with bases that grade a few wacke/subwacke wispy ite and in more weathered Pyrrhotite is up to 50% bedding near 909 \$ 1771	<u> ö</u>	H Brg.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective optage Peace Tem To Deace 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggrayated bed of the control of the	Hole No. DDH6464 Tests at Corr. Dip True Brg. **Recov. beds separated by 2.5' ost likely resedimented. and has numerous granule and the basel half and acatter live with fine wisps of slig i with quite a few medium y beds predominantly argilli Most of these bases and the have disseminated pyrrhotiften with minor calcite). arenite sandstone dike cuts and subwacke and wacke, on	Hor. Comp. Verl. Comp. Logged by Date of thin beds. Both thick Upper one is approaching is slightly larger argillite ed pyrrhotitic subwackes, beds; dark grey laminites it with bases that grade if ew wacke/subwacke wispy ite and in *ore weathered Pyrrhotitie is up to 50% bedding near 909 & 1771	<u> ö</u>	H Brg.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective optage Peace Tem To Deace 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggrayated bed of the control of the	Hole No. DDH6464 Tests at Corr. Dip True Brg. % Recov. beds separated by 2.5' bet likely resedimented. and has numerous granule and the basel half and acatter lite with fine wisps of alig with quite a few medium y beds predominantly argilli Most of these bases and the have disseminated pyrrhotiften with minor calcite). arenite sandstone dike cuts and subwacke and wacke, on instion throughout is accompand to the same and subwacke and wacke, on instion throughout is accompand.	BOMMINED Page 7 Hor. Comp. Verl. Comp. Logged by Date of thin beds. Both thick Upper one is approaching i slightly larger argillite red pyrrhotitic subwacke. beds; dark grey laminites its with bases that grade if few wacke/subwacke wispy ite and in more weathered Pyrrhotite is up to 50% bedding near 909 8 1771 me or two graded intervals centuated by disseminated	<u> ö</u>	H Brg.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective optage Peace Tem To Deace 1593.0 - 1789.0	iplion District Western Location Core Sire iplion 1712.0 - 1718.0 two thick beds are disaggrayated, so quartz wacke composition a and subwacke clasts in the Lower one is mostly argill 1718.0 - 1784.0 thin bedded alternate with medium grey from subwacke or wacke. layers in the argillite looking layers pyrite (of across 1 cm. One quartz a ringle of the control	Hole No. DDH5464 Hole No. DDH5464 Tests at Corr. Dip True Brg. % Recov. beds separated by 2.5' but likely resedimented. and has numerous granule and the basel half and acatter lite with fine wisps of alight with quite a few medium y beds predominantly argilli Most of these bases and the have disseminated pyrrhotiften with minor calcite). arenite sendstone dike cuts and subwacke and wacke, on instion throughout is acc is sometimes elongsted greating to core: 550 % 1597';	Gommon Page 7 Hor. Comp. Verl. Comp. Logged by Date of thin beds. Both thick Upper one is approaching is lightly larger argillite red pyrrhotitic subwacke. beds; dark grey laminites its with bases that grade is few wacke/subwacke wispy its and in %ore weathered Pyrrhotite is up to 50% bedding near 90° \$ 1771 the or two graded intervals centuated by disseminated sins of which are aligned 55° \$ 1608'; 55° \$ 1625'	<u> ö</u>	H Brg.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective ootage Peace 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggrayated bed of the control of the	Hole No. DDH6464 Tests at Corr. Dip True Brg. W. Recov. beds separated by 2.5' and has numerous granule and the back half and scatter live with fine wisps of slig with quite a few medium y beds predominantly argilli Most of these bases and the have disseminated pyrrhotiften with minor calcite). The services and subwacke and wacke, on instinct throughout is acc as sometimes elongated grading to core: 550 @ 1597'; in bed base with dip in o	Appropriate the proposition of this beds. Both thick Upper one is approaching a slightly larger argillite approaching a slightly larger argillite approaching a slightly larger argillite approaching a slightly larger argillite approaching a slightly larger argillite approaching a slightly larger argillite approaching a slightly larger argillite approaching a slightly larger argillite approaching a slightly larger argillite approaching a slightly particular subwacke, beds; dark grey leminites are wacke/subwacke wispy ite and in more weathered Pyrrhotite is up to 50% bedding near 90° € 1771 The or two graded intervals centuated by disseminated sins of which are aligned 55° € 1608°; 55° € 1625°, opposite sense to bedding,	<u> ö</u>	H Brg.	Coller Dip
Property Sulliva Commenced Completed Co-ordinates Objective ootage Peace 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggregated bed of the control of the	Hole No. DDH5464 Hole No. DDH5464 Tests at Corr. Dip True Brg. * Recov. beds separated by 2.5' out likely resedimented. and has numerous granule and the basel half and acatter lite with fine wisps of alight with quite a few medium y beds predominantly argilli Most of these bases and the have disseminated pyrrhoti from with minor calcite). arenite sendstone dike cuts and subwacke and wacke, on instion throughout is acc at sometimes elongated gra ding to core: 550 % 1597'; in bed base with dip in o ng is most likely 480 eas cleevage pyrrhotite in quar	Gominos Page 7 Hor. Comp. Verl. Comp. Logged by Date of thin beds. Both thick Upper one is approaching i slightly larger argillite red pyrrhotite subwacke. beds; dark grey laminites its with bases that grade is few wacke/subwacke wispy ite and in wore weathered Pyrrhotite is up to 50% bedding near 909 8 1771 The or two graded intervals sentuated by disseminated sins of which are aligned 550 8 1608'; 550 8 1625' poposite sense to bedding, sterly); 610 8 1640'; 580 rtz wacke with dip opposite	<u> ö</u>	H Brg.	Collar Dip
Property Sulliva Commenced Congleted Co-ordinates Objective Octobe To Description 1593.0 - 1789.0	iplion District Western Location Core Sire iplion 1712.0 - 1718.0 two thick beds are disaggrapated, so quartz wacks composition and subwacks clasts in the lower one is mostly ergill to alternate with medium grey from subwacks or wacks. layers in the argillite looking layers pyrite (of across 1 cm. One quartz a title in the control of the contro	Hole No. DDH6464 Tests at Corr. Dip True Brg. **Recov. beds separated by 2.5' out likely resedimented. Ind has numerous granule and the basel half and acutter lite with fine wisps of slight with quite a few medium y beds predominantly ergillimous from with minor calcute. In the separated by 2.5' in the base and the have disseminated pyrrhotiften with minor calcute. arenite sendatone dike cuts and subwacke and wacke, on instine throughout is acc it is sometimes elongated grading to core: 55° 8 1597'; in bed base with dip in one is most likely 48° was cleavage pyrrhotite in quarity of bedding probably 43°	deprendent of the proposite sense to bedding, sterly); 50° \$ 1672′;	<u> ö</u>	H Brg.	Coller Dip
Property Sulliva Commenced Completed Co-ordinates Objective ootage Peace 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggrayated bed of the control of the	Hole No. DDH6464 Tests at Corr. Dip True Brg. **Recov. beds separated by 2.5' bet likely resedimented. and has numerous granule and the basel half and acatter lite with fine wisps of slig i with quite a few medium y beds predominantly argilli Most of these bases and the have disseminated pyrrhotiften with minor calcite). arenite sandstone dike cuts and subwacke and wacke, on instinct throughout is acc as sometimes elongated grading to core: 550 @ 1597'; in bed base with dip in one is most likely 480 was cleavage pyrrhotite in quarity of bedding probably 430 on fractured and faulted fold of rectured and faulted fold	Appropriate is up to 50% bedding near 90° € 1771 The or two graded intervals centuated by disseminated proposite sense to bedding, sterly); 50° € 1672′; and back to 47° € 1672′; and back to 47° € 1675′;	<u> ö</u>	H Brg.	Colliar Dip
Property Sulliva Commenced Completed Co-ordinates Objective optage Peace Tem To Deace 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggragated bed of the control of the	Hole No. DDH6464 Tests at Corr. Dip True Brg. % Recov. beds separated by 2.5' cat likely resedimented. and has numerous granule and the basel half and acatter lite with fine wisps of slig i with quite a few medium y beds predominantly argilli Most of these bases and the have disseminated pyrrhotiften with minor calcite). arenite sandstone dike cuts and subwacke and wacke, on ination throughout is acc is sometimes elongated grading to core: 550 & 1597'; in bed base with dip in one is anost likely 480 eas cleavage pyrrhotite in quarip of bedding probably 430 fractured end faulted fold with cleavage pyrrhotite in fractured end faulted fold with cleavage pyrrhotite in	GDMMDB Page 7 Hor. Comp. Verl. Comp. Verl. Comp. Logged by Date of thin beds. Both thick Upper one is approaching i slightly larger argillite red pyrrhotite throughout. shtly pyrrhotite subwacke. beds; dark grey laminites its with boses that grade e few wacke/subwacke wispy ite and in more weathered Pyrrhotite is up to 50% bedding near 90° € 1771 The or two graded intervals contusted by disseminated sins of which are aligned 55° € 1608'; 55° € 1625' poposite sense to bedding, sterly); 61° € 1640'; 58° rtz wacke with dip opposite easterly); 50° € 1675'; in quartz wacke with dip	<u> ö</u>	H Brg.	Coller Dip
Property Sulliva Commenced Completed Co-ordinates Objective optage Peace Tem To Deace 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggregated bed of the control of the	Hole No. DDH6464 Tests at Corr. Dip True Brg. **Recov. beds separated by 2.5' at likely resedimented. and has numerous granule and the back half and scatter in the with fine wisps of aligit with quite a few medium y beds predominantly argilli. Most of these bases and the have disseminated pyrrhotiften with minor calcite). arenite sendstone dike cuts and subwacke and wacke, on instinct throughout is acc is sometimes elongated grading to core: 550 % 1597/; in bed base with dip in one is most likely 480 eas cleavage pyrrhotite in quarity of bedding probably 430 fractured and faulted fold with cleavage pyrrhotite in quarity of bedding probably 430 fractured and faulted fold with cleavage pyrrhotite in 260 (true dip of bedding probably 930 fractured and faulted fold with cleavage pyrrhotite in 260 (true dip of bedding probably 930 fractured and faulted fold with cleavage pyrrhotite in 260 (true dip of bedding probably 930 fractured and faulted fold with cleavage pyrrhotite in 260 (true dip of bedding probably 930 fractured and faulted fold with cleavage pyrrhotite in 260 (true dip of bedding probably 930 fractured and faulted fold with cleavage pyrrhotite in 260 (true dip of bedding probably 930 fractured set 1740'; 500 granular pyrrhotic in 260 (true dip of bedding probably 930 fractured set 1740'; 500 granular pyrrhotic in 260 (true dip of bedding probably 930 fractured set 1740'; 500 granular pyrrhotic in 260 (true dip of bedding probably 930 fractured set 1740'; 500 granular pyrrhotic in 260 (true dip of bedding probably 930 fractured set 1740'; 500 granular pyrrhotic in 260 (true dip of bedding probably 930 fractured set 1740'; 500 granular pyrrhotic in 260 (true dip of bedding pyrrhotic in 260 (true dip of bedding pyrrhotic in 260 (true dip of bedding pyrrhotic in 260 (true dip of bedding pyrrhotic in 260 (true dip of bedding pyrrhotic in 260 (true dip of bedding pyrrhotic in 260 (true dip of bedding pyrrhotic in 260 (true dip of bedding pyrrhotic in 260 (true dip of bedding pyrrhotic in 260 (true dip	Appropriate the property of the property of the page o	<u> ö</u>	H Brg.	Coller Dip
Property Sulliva Commenced Completed Co-ordinates Objective optage Peace Tem To Deace 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggrayated bed of the control of the	Hole No. DDH6464 Tests at Corr. Dip True Brg. **Recov. beds separated by 2.5' bet likely resedimented. and has numerous granule and the basel half and scatter lite with fune wisps of slig i with quite a few medium y beds predominantly argilli. Most of these bases and the have disseminated pyrrhotifien with minor calcite). arenite sendstone dike cuts and subwacke and wacke, on instinct the cuts and subwacke in the property of the cuts and subwacke and wacke, on instinct the cuts and subwacke and wacke, on instinct the cuts and subwacke and wacke, on instinct the cuts and subwacke and wacke, on instinct the cuts and subwacke and wacke, on instinct throughout is acc as sometimes elongated grading to core: 550 g 1597'; in bed base with dip in one is most likely 480 was cleavage pyrrhotite in quarity of bedding probably 430 on fractured and faulted fold with cleavage pyrrhotite in 260 (true dip of bedding probably 430 or 1730'; 500 g 1740';	Appropriate the property of the property of the page o	<u> ö</u>	H Brg.	Coller Dip
Property Sulliva Commenced Completed Co-ordinates Objective optage Peace Tem To Deace 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggregated bed of the control of the	Hole No. DDH6464 Tests at Corr. Dip True Brg. **Recov. beds separated by 2.5' bet likely resedimented. and has numerous granule and the basel half and scatter lite with fune wisps of slig i with quite a few medium y beds predominantly argilli. Most of these bases and the have disseminated pyrrhotifien with minor calcite). arenite sendstone dike cuts and subwacke and wacke, on instinct the cuts and subwacke in the property of the cuts and subwacke and wacke, on instinct the cuts and subwacke and wacke, on instinct the cuts and subwacke and wacke, on instinct the cuts and subwacke and wacke, on instinct the cuts and subwacke and wacke, on instinct throughout is acc as sometimes elongated grading to core: 550 g 1597'; in bed base with dip in one is most likely 480 was cleavage pyrrhotite in quarity of bedding probably 430 on fractured and faulted fold with cleavage pyrrhotite in 260 (true dip of bedding probably 430 or 1730'; 500 g 1740';	Appropriate the property of the property of the page o	<u> ö</u>	H Brg.	Coller Dip
Property Sulliva Commenced Completed Co-ordinates Objective optage Peace Tem To Deace 1593.0 - 1789.0	many of the wacke bases frequently separate beds; wavy. Disaggregated bed of the control of the	Hole No. DDH6464 Tests at Corr. Dip True Brg. W Recov. beds separated by 2.5' at likely resedimented. In has numerous granule and the baseh fine wisps of aligit with quite a few medium y beds predominantly argilli. Most of these bases and the have disseminated pyrrhotiften with minor calcite). are nite sendstone dike cuts and subwacke and wacke, on instinct throughout is acc is sometimes elongated grading to core: 550 % 1597/: in bed base with dip in one is most likely 480 eas cleavage pyrrhotite in quarity of bedding probably 430 fractured and faulted fold with cleavage pyrrhotite in quarity of bedding probably 430 fractured and faulted fold with cleavage pyrrhotite in core: 550 % 1740': 500 % 1730': 500 % 1740': 500 % 1730': 500 % 1740': 500 % 1740': 500 % 1730': 500 % 1740': 500 % 1730': 500 % 1740': 500 % 1730': 500 % 1740': 500 % 1730': 500 % 1740': 500 % 1730': 500 % 1740':	Har. Comp. Verl. Comp. Verl. Comp. Logged by Date of thin beds. Both thick Upper one is approaching I slightly larger argillite red pyrrhotite throughout. Shtly pyrrhotitic subwacke. beds; dark grey leminites ite with bases that grade of the wacke/subwacke wispy ite and in more weathered Pyrrhotite is up to 50% bedding near 900 € 1771 The or two graded intervals mentuated by disseminated wins of which are aligned 550 € 1608'; 550 € 1625' poposite sense to bedding, sterly); 610 € 1640'; 580 retz wacke with dip opposite wasterly); 500 € 1672'; d and back to 470 € 1675'; in quartz wacke with dip robably 440 easterly); 580 poposite to bedding at 280 few beds of wacke, subwacke	<u> ö</u>	H Brg.	Coller Dip
Property Sulliva Commenced Completed Co-ordinates Objective Tooluge Page Toom To 1593.0 - 1789.0 (Cont'd.)	many of the wacke bases frequently separate beds; wavy. Disaggragated bed of the control of the	Hole No. DDH5464 Tests at Corr. Dip True Brg. % Recov. beds separated by 2.5' ost likely resedimented. and has numerous granule and the basel half and scatter lite with fine wisps of slig i with quite a few medium yeds predominantly argilli Most of these bases and the have disseminated pyrrhoti (fem with minor calcite). arenite sendstone dike cuts and subwacke and wacke, on ination throughout is acc if sometimes elongated gra- ding to core: 550 % 1597'; in bed base with dip in o- ing is most likely 480 was cleavage pyrrhotite in quar- ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in 260 (true dip of bedding pr 0 g 1730'; 500 % 1740'; 5 in subbacke with dip c y 510 easterly). with some bed tops and a f winantly or entirely quartz	GDMMDB Page 7 Hor. Comp. Verl. Comp. Verl. Comp. Logged by Date of thin beds. Both thick Upper one is approaching i slightly larger argillite red pyrrhotite throughout. Shtly pyrrhotitic subwacks. beds; dark grey laminites its with boses that grade is few wacks/subwacks wispy its and in more weathered Pyrrhotite is up to 50% bedding near 90° 8 1771 The or two graded intervals contusted by disseminated sins of which are aligned 55° 8 1608'; 55° 8 1625' popposite sense to bedding, sterly); 61° 8 1640'; 58° rtz wacks with dip opposite sasterly); 50° 8 1675'; in quartz wacks with dip robably 44° easterly); 58° proposite to bedding at 28° few beds of wacks, subwacks z arenite 1831.0 - 1865.0'	<u> ö</u>	H Brg.	Collier Dip
Property Sulliva Commenced Completed Co-ordinates Objective Tooluge Page Toom To 1593.0 - 1789.0 (Cont'd.)	many of the wacke bases frequently separate beds; wavy. Disaggregated bed of the control of the	Hole No. DDH6464 Tests at Corr. Dip True Brg. **Recov. beds separated by 2.5' ost likely resedimented. and has numerous granule and the basel half and acatter it with quite a few medium y beds predominantly argilli Hoat of these bases and the have disseminated pyrrhoti ften with minor calcite). arenite sendstone dike cuts and subwacke and wacke, on instion throughout is acc if sometimes elongated gra ding to core: 550 g 1597'; in bed base with dip in o ng is most likely 480 eas cleavage pyrrhotites in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in quar ip of bedding probably 430 in fractured and faulted fold with cleavage pyrrhotite in	Gominos Page 7 Hor. Comp. Vert. Comp. Vert. Comp. Logged by Date of thin beds. Both thick Upper one is approaching i slightly larger argillite red pyrrhotite throughout. shtly pyrrhotite subwacke. beds; dark grey laminites its with bases that grade is few wacke/subwacke wispy ite and in more weathered Pyrrhotite is up to 50k bedding near 90° € 1771 The or two graded intervals sentuated by disseminated sins of which are aligned 55° € 1608'; 55° € 1625' poposite sense to bedding, sterly); 61° € 1640'; 58° rtz wacke with dip opposite easterly); 50° € 1675'; in quartz wacke with dip robably 44° easterly); 58° 52° € 1753'; 52° € 1760' popposite to bedding at 28° few beds of wacke, subwacke z arenite 1831.0 - 1865.0' he quartz arenite is dark	<u> ö</u>	H Brg.	Coller Dip

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Property Sulliv		Hole No. BDH6464				
Commenced	Location	Tests at	Hor. Comp.		1	
Completed	Core Size	Corr. Dip	Vert. Comp.		ĺ	å
Co-ordinates		True Brg.	Logged by		<u>.</u>	2
Objective		% Recov.	Date		9	3
Footage Des	cription			Ans	lysis	19.
iom To					╀	+
1789.0 - 1917.5				<u> </u>	-	↓
(Cont'd.)	flat to wavy, some irregular: few quartz wacke beds near star				 	╅—
	is rare but present in veinlets	near top and bottom of i	interval and in bed bases			
	in a predominantly wacke inter 1890' and a few chlorite veinle			[┶	
•	37º # 1806', 72º # 1814', 60	90 8 1830', 55° 8 1866'.	55° # 1872' with scottered	<u> </u>	╄	╄
	cleavage chlorites at about 13° 40° and 45° 9 1900'.	, average in obboette sause	e to bedding, 53° & 1685'.	-	\vdash	\vdash
1917.5 - 2116.0					†	 -
	Top contact is sharp and at 4 core. There are a few quartz v				1.	1
	chlorite and rarely pyrrhotite					T
2116.0 - 2211.0	Wacke, subwacke and argillite w	with mayoral hade of over-	tz wacke to 2135.0; medium			1
2110.9 - 2211.0	end dark grey; medium and thin	bedded with some thick be	eds to 2135.0; bed contacts			\top
	sharp and flat; grading is come			-	1	1
	usual dark grey laminites sho rip up clasts of argillite. Py	rrhotite is sometimes pres	ent disseminated in portions	-		1
	of the wacke beds. in particu				1-	T
	the basal 1 to 5 km of some be alteration due to intrusion n	oted to 2135.0'. Bedding	; to core 73° @ 2119°, 52°	ļ	Τ.	1
	e 2138', 53° # 2154' with clear	age pyrrhotite at 270 in c	opposite sense to bedding.	1		
	sense to bedding.	e rato aton creavage, bar	Thorzes do Es. In obhostra		1	\top
7211.0 - 2308.0	Wacke and quartz wacke (rarely	querty arenite) alternates	s with intervals of subvecks	-		
2211.0 - 2308.0	and argillite with some wacker	medium grey; the former i	is thick and medium bedded.		Τ	
	latter is medium and thin bedde to wavy; a few beds have arg					7
	have been resedimented. Pyrrho			-	1	7
Drill Hole Reco	have been resedimented. Pyrrho					
	have been resedimented. Pyrrho		eavage chlorites are common.		 	
Property Sulliva	have been resedimented. Pyrrho	otite is almost absent, cle	eavage chlorites are common.			
Property Sulliva	have been resedimented. Pyrrho Ord District Western	tite is almost absent, cle	Common Page 9			
Property Sulliva Commenced Completed	have been resedimented. Pyrrho Ord District Western Location	Hole No. DDH6464	Comingo Page 9 Hor, Comp.			diQ
Property Sulliva Commenced Completed Co-ordinates	have been resedimented. Pyrrho Ord District Western Location	Hole No. DDH6464 Tests at Corr. Dip	COMMINED Page 9 Hor. Comp. Vert. Comp.	•		lar Dip
Property Sulliva Commenced Completed	have been resedimented. Pyrrho Ord District Western Location	Hole No. DDH6464 Tests at Corr. Dip True Brg.	Comminen Page 9 Hor. Comp. Vert. Comp. Longed by		T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Descripted Descripted	have been resedimented. Pyrrho Ord District Western Location	Hole No. DDH6464 Tests at Corr. Dip True Brg.	Comminen Page 9 Hor. Comp. Vert. Comp. Longed by	O site	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Couge Description To	have been resedimented. Pyrrho Ord In District Western Location Core Size	Hole No. DDH6464 Tests at Corr. Dip True Brg. % Racov.	COMMINED Page 9 Hor. Comp. Vert. Comp. Logged by Date	Ansi	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Coctage Form To 2211-0 - 2308-0	n District Western Location Core Size	Hole No. 00H6464 Tests at Corr. Dip True Brg. % Recov.	Comminen Page 9 Hor. Comp. Vert. Comp. Logged by Date	Ansi	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Couge Description To	District Western Location Core Size The medium and thin bedded subw 2280-2285', 2300-2304'. 15 cm (0.5 cm. Bedding to core 55° 6	Hole No. 00H6464 Tests at Corr. Dip True Brg. % Racov. acke intervals are: 2234-2 gouge zone, mostly clay will 2Z37' with cleavage c	Comming Page 9 Hor. Comp. Vert. Comp. Logged by Date 2240', 2255-2263', 2268-2273', th about 10% small fragments thlorites at 20° opposite	Ansi	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Coctage Form To 2211-0 - 2308-0	District Western Location Core Size The medium and thin bedded subw 2280-2285', 2300-2304', 15 cm	Hole No. DDH6464 Tests at Corr. Dip True Brg. % Racov. acke intervals are: 2234-2 gouge zone, mostly clay with cleavage cith cleavage cith cleavage cith cleavage chlorites at	Hor. Comp. Logged by Date 2240', 2255-2263', 2268-2273', th about 10% small fragments the lorites at 20° opposite scheet to	Ansi	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Description 2211.0 - 2308.0 (Cont'd.)	District Western Location Core Size The medium and thin bedded subw 2280-2285', 2300-2304', 15 cm <0.5 cm. Bedding to core 55° g sense to beds, 50° g 2280' w beds, 55° with cleavage chlorit	Hole No. DDH6464 Tests at Corr. Dip True Brg. % Racov. acke intervals are: 2234-2 gouge zone, mostly clay wi 2237' with cleavage c ith cleavage chlorites at es in opposite sense at 15	Hor. Comp. Vert. Comp. Logged by Date 240', 2255-2263', 2268-2273', th about 10% small fragments shlorites at 20° opposite. 11° in opposite sense to	Ansi	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Coctage Form To 2211-0 - 2308-0	District Western Location Core Size The medium and thin bedded subw 2280-2285', 2300-2304'. 15 cm (0.5 cm. Bedding to core 550 g sense to beds, 500 g 2280' w beds, 550 with cleavage chlorit Subwacke and argillite (one margey intervals from 2309-2314').	Hole No. 0DH6464 Tests at Corr. Dip Trus Brg. % Racov. acke intervals are: 2234-2 gouge zone, mostly clay wi 2237' with cleavage cith cleavage chlorites at es in opposite sense at 15 edium bed of quartz wack and 2318-2320'; medium to	Hor. Comp. Vert. Comp. Logged by Date 2240', 2255-2263', 2268-2273', th about 10% small fragments thlorites at 20° opposite. 11° in opposite sense to 10°. (a); medium grey with dark thin bedded and laminated.	Ansi	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Description 2211.0 - 2308.0 (Cont'd.)	District Western Location Core Size The medium and thin bedded subwerzeso-2285', 2300-2304'. 15 cm (0.5 cm. Bedding to core 55° gense to beds, 50	Hole No. DDH6464 Tests at Corr. Dip True Brg. % Racov. acke intervals are: 2234-2 gouge zone, mostly clay wi 2237' with cleavage chlorites at es in opposite sense at 15 edium bed of quartz wack and 2318-2320'; medium to e sharp and flat, faint ca	Hor. Comp. Vert. Comp. Logged by Date 2240', 2255-2269', 2268-2279', th about 10% small fragments thlorites at 20° opposite. 11° in opposite sense to complete this pedded and laminated, elecite leths and rhombs in	Ansi	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Description 2211.0 - 2308.0 (Cont'd.)	District Western Location Core Size The medium and thin bedded subw 2280-2285', 2300-2304', 15 cm (0.5 cm. Bedding to core 55° gense to beds, 50°	Hole No. DDH6464 Tests at Corr. Dip True Brg. % Racov. acke intervals are: 2234-2 gouge zone, mostly clay with 2237' with cleavage c ith cleavage chlorites at es in opposite sense at 15 edium bed of quartz wack and 2318-2320'; medium to e sherp and flat, faint ca chlorites in lighter grey rts of beds. Pyrrhotite b	Hor. Comp. Vert. Comp. Logged by Date 240', 2255-2263', 2268-2273', th about 10% small fragments inlorites at 20° opposite characteristics of 20° opposite characteristics at 20° opposite characteristics of 20° opposite characteristics opposite characteristics opposite characteristics opposite characteristics opposite characteristics opposite characteristics opposite characteristics opposite characteristics	Aris	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Description 2211.0 - 2308.0 (Cont'd.)	District Western Location Core Size The medium and thin bedded subwerzes to beds, 50° @ 2280′ with cleavage chlorit Subwecke and argillite (one may be intervals from 2309-2314′ bed contacts and laminations ar upper dark zone, good cleavage interval in medium and thin beds 2321-	Hole No. 00H6464 Tests at Corr. Dip Trus Brg. % Racov. acke intervals are: 2234-2 gouge zone, mostly clay wi 2237' with cleavage chlorites at es in opposite sense at 15 edium bed of quartz wack and 2318-2320'; medium to e sharp and flat, faint ca chlorites in lighter grey rts of beds. Pyrrhotite b 2325'. Bedding to core 5	Hor. Comp. Vert. Comp. Logged by Date 2240', 2255-2263', 2268-2273', th about 10% small fragments thlorites at 20° opposite. 11° in opposite sense to 10°. Selly, medium grey with dark thin bedded and laminated, thin bedded and laminated, the leths and some dissembles and coarse dissemination 11° with cleavage chlorites.	Aris	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Description 2211.0 - 2308.0 (Cont'd.)	District Western Location Core Size The medium and thin bedded aubw 2280-2285', 2300-2304'. 15 cm (0.5 cm. Bedding to core 55° g sense to beds, 50° g 2280' w beds, 55° with cleavage chlorit Subwacke and argillite (one m grey intervals from 2309-2314' bed contacts and laminations er upper dark zone, good cleavage insted pyrrhotite in siltier pa in medium and thin beds 2321- 20° opposite at 2309', 53° with	Hole No. 0086464 Tests at Corr. Dip True Brg. % Racov. acke intervals are: 2234-2 gouge zone, mostly clay wi 2237' with cleavage c ith cleavage chlorites at es in opposite sense at 15 edium bed of quartz wack and 2318-2320'; medium to e sharp and flat, faint ca chlorites in lighter grey rts of beds. Pyrrhotite b 2325'. Bedding to core 5 cleavage chlorites 190 op	Hor. Comp. Vert. Comp. Logged by Date 2240', 2255-2263', 2268-2273', th about 10% small fragments thilorities at 20° opposite 11° in opposite sense to 10°. (a); medium grey with dark thin bedded and laminated, elicite leths and rhombs in argillites and some dissem- clebs and coarse dissemination 10° with cleavage chlorites eposite at 2321'.	Aris	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Footage Description 2211.0 - 2308.0 (Cont'd.)	District Western Location Core Size The medium and thin bedded subw 2280-2285', 2300-2304'. 15 cm (0.5 cm. Bedding to core 55° genes to beds, 50°	Hole No. 00H6464 Tests at Corr. Dip True Brg. % Racov. acke intervals are: 2234-2 gouge zone, mostly clay wi 2237' with cleavage c ith cleavage chlorites at ea in opposite sense at 15 edium bed of quartz wack and 2318-2320'; medium to e sherp and flat, faint ca chlorites in lighter grey rts of beds. Pyrrhotite b 2325', Bedding to core 5 cleavage chlorites 190 op beds above 2336') wacke an	Hor. Comp. Vert. Comp. Logged by Date 2240', 2255-2263', 2268-2273', th about 10% small fragments chlorites at 20° opposite. 11° in opposite sense to 10°. (a); medium grey with dark thin bedded and laminated, elicite laths and rhombs in argillites and some dissemiles and coarse dissemination to with cleavage chlorites opposite at 2321'.	Aris	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Postage Description To 2211.0 - 2308.0 (Cont'd.)	District Western Location Core Size The medium and thin bedded aubw 2280-2285', 2300-2304'. 15 cm (0.5 cm. Bedding to core 550 g sense to beds, 500 g 2280' w beds. 550 with cleavage chlorit Subwacke and argillite (one m grey intervals from 2309-2314' bed contacts and laminations ar upper dark zonm, good cleavage inated pyrrhotite in siltier pa in medium and thin beds 2321- 200 opposite at 2309', 530 with Guartz wacke (as part of thick modium grey; thick and medium and flat (rerely slightly wavy)	Hole No. 00H6464 Tests at Corr. Dip True Brg. % Racov. acke intervals are; 2234-2 gouge zone, mostly clay wi 2237' with cleavage clorites at es in opposite sense at 15 edium bed of quartz wack and 2318-2320'; medium to e sharp and flat, faint ca chlorites in lighter grey rts of beds. Pyrrhotite b 2325', Bedding to core 5 cleavage chlorites 190 op beds above 2336') wacke an (rarely thin) bedded; bed ; some basses of beds are	Hor, Comp. Vert. Comp. Logged by Date 240', 2255-2269', 2268-2279', th about 10% small fragments thlorites at 20° opposite. 11° in opposite sense to 10. thin bedded and laminated, thin bedded and laminated, thic laths and rhombs in argillites and some dissemiles and coarse dissemination 10° with cleavage chlorites apposite at 2321', and aubwacke, minor argillite; contacts sharp to distinct fine grained, most beds	Aris	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Postage Description To 2211.0 - 2308.0 (Cont'd.)	District Western Location Core Size The medium and thin bedded aubw 2280-2285', 2300-2304', 15 cm (0.5 cm. Bedding to core 55° gense to beds, 50°	Hole No. 00H6464 Tests at Corr. Dip True Brg. % Racov. acke intervals are: 2234-2 gouge zone, mostly clay with cleavage cith cleavage c ith cleavage chlorites at es in opposite sense at 15 addium bed of quartz wack and 2318-2320'; medium to e sharp and flat, faint ca chlorites in lighter grey rts of beds. Pyrrhotite b 2325'. Bedding to core 5 cleavage chlorites 190 op beds above 2336') wacke an (rarely thin) bedded; bed ; some bases of beds are watly disseminated through	Hor. Comp. Vert. Comp. Logged by Date 240', 2255-2263', 2268-2273', th about 10% small fragments inhorites at 20° opposite ense to opposite sense dissemination to opposite sense dissemination opposite sense dissem	Aris	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Postage Description To 2211.0 - 2308.0 (Cont'd.)	District Western Location Core Size The medium and thin bedded aubw 2280-2285', 2300-2304'. 15 cm (0.5 cm. Bedding to core 550 g sense to beds, 500 g 2280' w beds. 550 with cleavage chlorit Subwacke and argillite (one m grey intervals from 2309-2314' bed contacts and laminations ar upper dark zonm, good cleavage inated pyrrhotite in siltier pa in medium and thin beds 2321- 200 opposite at 2309', 530 with Guartz wacke (as part of thick modium grey; thick and medium and flat (rerely slightly wavy)	Hole No. 00H6464 Tests at Corr. Dip True Brg. % Racov. acke intervals are: 2234-2 gouge zone, mostly clay with cleavage cith cleavage c ith cleavage chlorites at es in opposite sense at 15 addium bed of quartz wack and 2318-2320'; medium to e sharp and flat, faint ca chlorites in lighter grey rts of beds. Pyrrhotite b 2325'. Bedding to core 5 cleavage chlorites 190 op beds above 2336') wacke an (rarely thin) bedded; bed ; some bases of beds are watly disseminated through	Hor. Comp. Vert. Comp. Logged by Date 240', 2255-2263', 2268-2273', th about 10% small fragments inhorites at 20° opposite ense to opposite sense dissemination to opposite sense dissemination opposite sense dissem	Aris	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Focuse To 2211.0 - 2308.0 (Cont'd.) 2308.0 - 2325.0	District Western Location Core Size The medium and thin bedded subwerges of the service of the	Hole No. DDH6464 Tests at Corr. Dip True Brg. % Racov. acke intervals are; 2234-2 gouge zone, mostly clay wi 2237' with cleavage c ith cleavage chlorites at ea in opposite sense at 15 edium bed of quartz wack and 2318-2320'; medium to e sherp and flat, faint ca chlorites in lighter grey rts of beds. Pyrrhotite b 2325'. Bedding to core 5 cleavage chlorites 190 op beds above 2336') wacke an (rarely thin) bedded; bed ; some bases of beds are unally disseminated through her beds. Bedding to core	Hor. Comp. Vert. Comp. Logged by Date 240', 2255-2269', 2268-2279', th about 10% small fragments thlorites at 20° opposite. 11° in opposite sense to 10°. (a); medium grey with dark thin bedded and laminated, thic leths and rhombs in argilites and some dissemination to 10° with cleavage chlorites apposite at 2321'. Ind subwacke, minor argillite; contacts sharp to distinct in fine grained, most beds tout the thick quartz wacke. 54° with cleavage chlorites.	Aris	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Postage Description To 2211.0 - 2308.0 (Cont'd.)	District Western Location Core Size The medium and thin bedded subw 2280-2285', 2300-2304'. 15 cm (0.5 cm. Bedding to core 55° gense to beds, 50° gense to beds, 50° gense to beds, 50° gense to beds, 50° gense chlorit Subwecke and argillite (one may intervals from 2309-2314' bed contacts and laminations ar upper dark zons, good cleavage inated pyrrhotite in siltier pain medium and thin beds 2321-20° opposite at 2309', 53° with Quartz wacke (as part of thick medium grey; thick and medium and flat (rerely slightly wavy) are graded. Pyrrhotite is us beds and in siltier bases of ot 18° opposite at 2339'. Wecke, subwacke and argillit upper half of interval) and med medium and medium and argillit upper half of interval) and medium proper half of interval)	Hole No. 00H6464 Tests at Corr. Dip True Brg. % Recov. acke intervals are: 2234-2 gouge zone, mostly clay wi 2237' with cleavage c ith cleavage chlorites at es in opposite sense at 15 edium bed of quartz wack and 2318-2320'; medium to e sharp and flat, faint ca chlorites in lighter grey rts of beds. Pyrrhotite b 2325'. Bedding to core 3 cleavage chlorites 190 op beds above 2336') wacke an (rarely thin) bedded; bed ; some bases of beds are ually disseminated through her beds. Bedding to core e, calcareous; medium an lum bedded; bad contacts	Hor. Comp. Vert. Comp. Logged by Date 2240', 2255-2263', 2268-2273', the about 10% small fragments chlorites at 20° opposite chlorites at 20° opposite chlorites at 20° opposite chlorites at 20° opposite chlorites at 20° opposite chlorites at 20° opposite chlorites at 20° opposite chlorites at 20° opposite chlorites and some dissemiliated and some dissemiliates and some dissemiliates and coarse dissemiliation opposite at 2321'. Indicate the same of the semiliates opposite at 2321'. Indicate sharp to distinct contacts sharp to distinct is fine grained, most beds tout the thick quartz wacke to 54° with cleavage chlorites and dark grey; thin (more in are sharp and flat; beds	Aris	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Focuse To 2211.0 - 2308.0 (Cont'd.) 2308.0 - 2325.0	District Western Location Core Size The medium and thin bedded subwergers and the core 50 grants are to beds, 500 grants and core 50 grants and argillite (one may be contacts and laminations are upper dark rooms, good cleavage instead pyrrhotite in siltier pain medium and thin beds 2321-200 opposite at 2309', 530 with Ouartz wacke (as part of thick and flat (rerely slightly wavy) are graded. Pyrrhotite is us beds and in siltier bases of ot 180 opposite at 2339'. Wacke, subwacke and argillite upper half of intervally with pyrrhotily and med are graded, typically with pyrrhotile and med are graded.	Hole No. 80H6464 Tests at Corr. Dip Trus Brg. % Racov. acke intervals are; 2234-2 gouge zone, mostly clay wi 2237' with cleavage cliorites at ea in opposite sense at 15 addum bed of quartz wack and 2318-2320'; medium to e sharp and flat, faint ca chlorites in lighter grey ris of beds. Pyrrhotite b 2325'. Bedding to core 5 cleavage chlorites 190 op beds above 2338') wacke an (rarely thin) bedded; bed ; some bases of beds are unally dismeminated through her beds. Bedding to core e. calcareous; medium an lum bedded; bed contacts hotite disseminated in the	Hor. Comp. Vert. Comp. Logged by Date 240', 2255-2263', 2268-2273', th about 10% small fragments thlorites at 20° opposite. 11° in opposite sense to 10°, medium grey with dark thin bedded and laminated, thin bedded and laminated, the leths and rombs in argilites and some dissembles and coarse dissemination 10° with cleavage chlorites opposite at 2321', and subwacke, minor argillite; contacts sharp to distinct in fine grained, most beds to 10° with cleavage chlorites 10° with cleavage chlorites 10° with cleavage chlorites 10° with cleavage chlorites 10° with cleavage chlorites 10° with cleavage chlorites 10° with cleavage chlorites 10° with cleavage chlorites 10° with cleavage chlorites 10° with cleavage chlorites 10° wacke portions, particularly 10° wacke portions, particularly 10° wacke portions, particularly 10° wacke portions, particularly 10° wacke 10° wa	Aris	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Focuse To 2211.0 - 2308.0 (Cont'd.) 2308.0 - 2325.0	District Western Location Core Size The medium and thin bedded aubw 2280-2285', 2300-2304', 15 cm (0.5 cm. Bedding to core 55° g sense to beds, 50° g 2280' w beds. 55° with cleavage chlorit Subwacke and argillite (one m grey intervals from 2309-2314' bed contacts and laminations ar upper dark zons, good cleavage insted pyrrhotite in siltier pa in medium and thin beds 2321- 20° opposite at 2309', 53° with Quartz wacke (as part of thick modium grey; thick and medium and flat (rerely slightly wavy) are graded. Pyrrhotite is us beds and in siltier bases of ot 18° opposite at 2339'. Wacke, subwacke and argillit upper half of interval) and med are graded, typically with pyrr hear the bases; dark grey lami beds. About 70% of interval, b	Hole No. 00H6464 Tests at Corr. Dip True Brg. % Racov. acke intervals are: 2234-2 gouge zone, mostly clay with cleavage chlorites at es in opposite sense at 15 edium bed of quartz wack and 2318-2320'; medium to e sharp and flat, faint ca chlorites in lighter grey rts of beds. Pyrrhotite b 2325'. Bedding to core 5 cleavage chlorites 190 op beds above 2336') wacke an (rarely thin) bedded; bed ; some bases of beds are usally disseminated through her beds. Bedding to core e. calcareous; medium an lum bedded; bed contacts hotite disseminated in the nites 1 to 10 cm thick both graded beds and lamina	Hor, Comp. Vert. Comp. Logged by Date 240', 2255-2263', 2268-2273', th about 10% small fragments inhorites at 20° opposite ense to opposite sense dissemination to opposite sense dissemination opposite sense dissemination opposite sense dissemination opposite sense dissemination opposite sense dissemination opposite sense dissemination opposite sense dissemination opposite sense dissemination opposite sense dissemination opposite sense opposite sense dissemination opposite sense	Aris	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Focuse To 2211.0 - 2308.0 (Cont'd.) 2308.0 - 2325.0	District Western Location Core Size The medium and thin bedded subw 2280-2285', 2300-2304'. 15 cm (0.5 cm. Bedding to core 550 general beds. 550 with cleavage chlorit Subwacke and argillite (one may intervals from 2309-2314' bed contacts and laminations or upper dark zons, good cleavage insted pyrrhotite in siltier pain medium and thin beds 2321-200 opposite at 2309', 530 with Quartz wacke (as part of thick medium grey; thick and medium and thin beds 2321-200 opposite at 2309', 530 with Quartz wacke (as part of thick medium grey; thick and medium and flat (rerely slightly wavy) are graded. Pyrrhotite is us beds and in siltier bases of ot 180 opposite at 2339'. Wacke, subwacke and argillit upper half of interval) and med are graded, typically with pyrrhear the bases; dark grey lami beds. About 70% of interval, b calcarsous. From 2420-2435' li	Hole No. 00H6464 Tests at Corr. Dip Trus Brg. % Racov. acke intervals are: 2234-2 gouge zone, mostly clay wi 2237' with cleavage cith cleavage chlorites at es in opposite sense at 15 edium bed of quartz wack and 2318-2320'; medium to e sharp and flat, faint ca chlorites in lighter grey rts of beds. Pyrrhotite b 2325'. Bedding to core 5 cleavage chlorites 190 op beds above 2336') wacke an (rarely thin) bedded; bed ; some bases of beds are ually disseminated through her beds. Bedding to core e, calcareous; medium an lum bedded; bed contacts hotite disseminated in the nites 1 to 10 cm thick oth graded beds and lamina my wacke bases (50%) are	Hor. Comp. Vert. Comp. Logged by Date 2240', 2255-2263', 2268-2273', the about 10% small fragments the lorites at 20° opposite. 11° in opposite sense to 10°. (a); medium grey with dark thin bedded and laminated, the letter and rhombs in argilites and some dissemiles and coarse dissemination 10° with cleavage chlorites opposite at 2321'. Indicate the sense to distinct the fine grained, most beds to the thick quartz wacke 154° with cleavage chlorites out the thick quartz wacke 154° with cleavage chlorites are sharp and flat; beds 154° wacke portions, particularly alternate with the graded thes, is weakly to moderately a cross laminated (several	Aris	T Bro.	Collar Dip
Property Sulliva Commenced Completed Co-ordinates Objective Focuse To 2211.0 - 2308.0 (Cont'd.) 2308.0 - 2325.0	District Western Location Core Size The medium and thin bedded aubw 2280-2285', 2300-2304', 15 cm (0.5 cm. Bedding to core 55° g sense to beds, 50° g 2280' w beds. 55° with cleavage chlorit Subwacke and argillite (one m grey intervals from 2309-2314' bed contacts and laminations ar upper dark zons, good cleavage insted pyrrhotite in siltier pa in medium and thin beds 2321- 20° opposite at 2309', 53° with Quartz wacke (as part of thick modium grey; thick and medium and flat (rerely slightly wavy) are graded. Pyrrhotite is us beds and in siltier bases of ot 18° opposite at 2339'. Wacke, subwacke and argillit upper half of interval) and med are graded, typically with pyrr hear the bases; dark grey lami beds. About 70% of interval, b	Hole No. 0086464 Tests at Corr. Dip True Brg. % Racov. acke intervals are: 2234-2 gouge zone, mostly clay wi 2237' with cleavage c ith cleavage chlorites at es in opposite sense at 15 edium bed of quartz wack and 2318-2320'; medium to e sharp and flat, faint ca chlorites in lighter grey rts of beds. Pyrrhotite b 2325'. Bedding to core 5 cleavage chlorites 190 op beds above 2336') wacke an (rarely thin) bedded; bed (rarely thin) bedded; bed (rarely thin) bedded; bed as bases of beds are ually disseminated through her beds. Bedding to core e. calcareous; medium an lum bedded; bed contacts hotite disseminated in the nites 1 to 10 cm thick oth graded beds and lamina my wacke bases (50%) are es with cleats to 0.5 X to be resedimented. Beddin	Hor. Comp. Vert. Comp. Logged by Date 2240', 2255-2263', 2268-2273', th about 10% small fragments thiorites at 20° opposite. 11° in opposite sense to 10°, medium grey with dark thin bedded and laminated, elicite leths and rhombs in argillites and some dissemination 10° with cleavage chlorites opposite at 2321', and subwacke, minor argillite; contacts sharp to distinct is fine grained, most beds tout the thick quartz wacke 54° with cleavage chlorites out the thick quartz wacke 54° with cleavage chlorites with grained, most beds tout the thick quartz wacke 54° with cleavage chlorites of the grained of the grained of the grained of the country alternate with the graded tes, is weakly to moderately alternate with the graded tes, is weakly to moderately across laminated (several (2 cm from 2403.5 - 2404 to core/with pyrrhotite	Aris	T Bro.	Collar Dip

Property	Sullivar	District West	ern Hole No	DDH6464	<u>·</u>			-	1	
Commenced		Location	Tests at		Hor. Comp.			1		ĺ
Completed		Core Size	Corr. Di	р	Vert. Comp.		╝	ļ		I
Co-ordinates			True Br	g	Logged by	· · · · · · · · · · · · · · · · · · ·	_		å	1
Objective			% Reco	v	Date		Cleim	T Brg.	Collar	ł
	la		·			<u></u>		ivels		ŀ
Footage From To	Descri	plion				. <u> </u>	<u> </u>	1,7575		1
2435.0-	2520.0	Wacke, quartz wacke, subwa					_	1		1
		bedded wacke and quartz subwacke and argillite fro					1_	\perp	_	1
		medium grey, bed contacts						_		1
		been disturbed, most beds (2474', 2513'). From 2					1	\perp		_
		disaggregated argillite an	nd subwacke, appears	resedimented.	Pyrrhotite in	s present		\perp	ــــــ	1
		but only weakly disseming the chlorities noted in argilli					\vdash	\downarrow	ļ_	4
		coarse pyrrhotite and chl	lorite. Bedding to	core/with cleav	aga in opposi:		- ├	1	╄-	4
		490/300 8 2454', 520/240 6	w 2984', 50°/25° 8 2	ous', 47º/32º ₽	2519',		}	4-	-	4
2520.0 -	2583.0	Wecks, subwacks and argill					-	+-		4
		bedded; bed contacts and thinner dark grey laminite)	+	1	4
		are light groy laminate	ed bases some of	which have fine	irregularitie	s and are	<u>}</u>		ļ	1
		probably dissolution style uniform medium grey matri					-	+	-	4
		texture appears to be tect	tonic and appears t	o be an end me	mber of texts	ures that	-	-	-	4
		grade to bodding parallel sides, and small gouge ro					\vdash	+	╂—	+
		bedded zones are present has a convoluted upper por	but rare. One qu	artz wacke, medi	um bed, noted	at 2535'	ļ	- - -	+-	-
		top is flat. Pyrrhotite.	 typically accentu 	ating cleavage.	i# noted in	most bed	-	+	+	+
		bases, including those the to core: 510/220 @ 2521'.			posite sense	to bedding,	\vdash	+	+	1
							-	+-	+-	1
2583.0 -	2600.0	Quartz wacko, wacko, subwa medium grey; medium bedded					\vdash	+	+	1
ł		2595'; bed contacts sharp						4		ł
i			to distifice, some a	re flat most wav	y or irregular	r (no	-	T		7
			to distiller, some a	re flat most wav	y or irregula:	r (no	F	-	╀	
Drill Hole	e Recor	d	to distilict, some a	re flat most wav	y or irregular	r (no				
Drill Hole	e Recor	d			*					
Property	e Recor	District Veste	rn Hole No.	re flat most wav	Cominco					
Property Commenced		District Weste	rn Hole No. Taste at	DDH6464	Borninco Hor. Comp.					
Property		District Veste	Teste at Corr. Dip	DDH6464	Hor. Comp.				ā	
Property Commenced	Sullivan	District Weste	Teste at Corr. Dip True Brg	DDH6464	Hor. Comp. Vert. Comp. Logged by			6	ar Dip	
Property Commenced Completed	Sullivan	District Weste	Teste at Corr. Dip	DDH6464	Hor. Comp.		Clashera Communication of the	Brg.	Cotter Dip	
Property Commenced Completed Co-ordinates Objective	Sullivan	District Weste Location Core Size	Teste at Corr. Dip True Brg	DDH6464	Hor. Comp. Vert. Comp. Logged by			0.010	1 s i	
Property Commenced Completed Co-ordinates	Sullivan	District Weste Location Core Size	Teste at Corr. Dip True Brg	DDH6464	Hor. Comp. Vert. Comp. Logged by				Collar Dip	
Property Commenced Completed Co-ordinates Objective Coctage Tom To 2583.0	Description 2600.0	District Weste Location Core Size	Tests at Corr. Dip True Brg % Recovered	DDM6464	Hor. Comp. Vert. Comp. Logged by Date	Page 11			Collar Dip	
Property Commenced Completed Co-ordinates Objective	Description 2600.0	District Weste Location Core Size	Hole No. Taste at Corr. Dip True Brg Recoverstinction between upper tend in the quartz	DDH6464	Her. Comp. Vert. Comp. Logged by Date interval and pal is not cal	Page 11 precaeding).			Collar Dip	
Property Commenced Completed Co-ordinates Objective Toolsage Tom To Control Control Control	Description 2600.0	District Weste Location Core Size tion dark laminites is main district pyrrhotite dissemin Bedding/cleavage, in opposite to the proposition of	Tests at Corr. Dip True Brg % Recoversation between upperted in the quartz site sense to bedding.	DDX6464 per 10' of this wacks. Interval, to core: 460 medium grey; t	Hor. Comp. Vert. Comp. Logged by Date interval and pal is not cal /320 @ 2598'. him to thick	Page 11 preceeding). lcareous.			Coller Dip	77913
Property Commenced Completed Co-ordinates Objective Toolsage Tom To Control Control Control	Oescrip 2600.0	District Weste Location Core Size Million dark laminites is main dis Minor pyrrhetite dissemin Bedding/cleavage, in oppose Wacke, subwacke, and argil week narrow dark laminites	And Hole No. Taste at Corr. Dip True Brg % Recovers stinction between up, attending the quartz site sense to bedding. Litte, (not limy); and developed; bed ton.	DDM6464 per 10' of this wacks. Interval, to core: 460 medium grey; thects where and	Hor. Comp. Vert. Comp. Logged by Date interval and gal is not cal /320 @ 2598'. him to thick flat (two are	Page 11 preceeding). lcareous. k bedded; convoluted),			Coller Dip	
Property Commenced Completed Co-ordinates Objective Toolsage Tom To Control Control Control	Oescrip 2600.0	District Weste Location Core Size tion dark laminites is main district pyrrhotite dissemin Bedding/cleavage, in opposite to the proposition of	Taste at Corr. Dip True Brg % Recoverable to the quartz site sense to bedding the developed; bed consequenced bed consequenced; beds	DDM6464 per 10' of this wacks. Intervey, to core: 460 medium gray; thats where and graded, one th	Hor. Comp. Vert. Comp. Logged by Date interval and gal is not cal /320 @ 2598'. him to thick flat (two are	Page 11 preceeding). lcareous. k bedded; convoluted),			Collar Dip	
Property Commenced Completed Co-ordinates Objective Coctage To 2583.0 (Cont'd.)	Descrip 2600.0	District Weste Location Core Size tion dark laminites is main district pyrrhotite dissemin Bedding/cleavage, in oppose Wacke, subwacke, and argil weak narrow dark laminites two sets of cross beds, on argillate rip-ups and is p	True Brg True Brg % Recovered in the quartz site sense to bedding. Ilite, (not limy); sedeveloped; bed content in the probably reseduments.	per 10' of this wacks. Intervented in the state was a state with the state was a state with the state was a state where and graded, one that	Her. Comp. Vert. Comp. Logged by Date interval and pal is not cal /320 8 2598'. him to thick flat (two are ick bed conte	Page 11 preceeding). lcareous. k bedded: convoluted), pins fine			Collar Dip	
Property Commenced Completed Co-ordinates Objective Coctage To 2583.0 (Cont'd.)	Oescrip 2600.0	District Weste Location Core Size tion dark laminites is main dis finor pyrrhotite dissemin Bodding/cleavage, in oppos wacke, subwacke, and argil weak narrow dark laminites two sets of cross beds, on argillate rip-ups and is p Quartz wacke and quartz is soaked in dissel); li	Teste at Corr. Dip True Brg % Recovered in the quertz site sense to bedding developed; bed content by noted; beds probably resedumented arenite (more of a light grey; thick besigned).	por 10° of this wacks. Intervey, to core: 46° medium grey; the desta where and greaded, one this. guess from 26 dded; pyrrhotit	Hor. Comp. Vert. Comp. Logged by Date interval and gal is not cal /320 @ 2598', him to thick flat (two are ick bed conte	Page 11 preceeding). lcareous. k bedded; convoluted), bins fine D as core reded bed			Coller Dip	
Property Commenced Completed Co-ordinates Objective Coctage To 2583.0 (Cont'd.)	Descrip 2600.0	District Weste Location Core Size dark laminites is main dis Minor pyrrhotite dissemin Bedding/cleavage, in oppose wacke, subwacke, and argil weak narrow dark laminites two sets of cross bede, on argillite rip-ups and is p Quartz wacke and quartz	Teste at Corr. Dip True Brg % Recovered in the quartz site sense to bedding the limy; noted; beds probably reseduents of a sight grey; thick bestar vein less than	por 10° of this wacks. Intervers, to core: 46° medium grey; thatts wharp and graded, one this. guess from 26 dded; pyrrhotit 10 cm wide cuts	Hor. Comp. Vert. Comp. Logged by Date interval and pal is not cal /320 @ 2598'. him to thick flat (two are ick bed conte	Page 11 preceeding). lcareous. k bedded; convoluted), bins fine D as core reded bed			Coller Dip	
Property Commenced Completed Co-ordinates Objective Coolage From To 2583.0 - (Cont'd.) 2600.0 -	Descrip 2600.0 2612.0 2635.0	District Weste Location Core Size Core Si	Action between up the stinction between the stinction between the stinction between the stinction are stinction to be stinction to stinction the stinction to stinction the stinction to stinction the stinction to stinction the stinction to stinction the stinctio	DDX6464 per 10' of this wacks. Intervey, to core: 460 medium grey; that's where and graded, one thingues from 26 dded; pyrrhotit 10 cm wide cuts re 420/350 @ 263	Hor. Comp. Vert. Comp. Logged by Date interval and gal is not cal /320 @ 2598'. him to thick flat (two are ick bed conte 23.0 - 2635.(noted in gal core at 120. O'.	Page II preceeding). lcareous. k bedded: convoluted), pins fine D as core reded bed Bedding/			Coller Dip	
Property Commenced Completed Co-ordinates Objective Coolage From To 2583.0 - (Cont'd.) 2600.0 -	Descrip 2600.0	District Weste Location Core Size dark laminities is main district dissemin Bedding/cleavage, in oppose two sets of cross bede, on arguilite rip-ups and is pure two sets of cross bede, on arguilite rip-ups and is pure two sets of cross bede, on arguilite rip-ups and is pure two sets of cross bede, on arguilite rip-ups and is pure two sets of cross bede, on arguilite rip-ups and is pure two sets of cross bede, on arguilite rip-ups and is pure two sets of cross bede, on arguilite rip-ups and is pure two sets of cross bede, on arguilite season below 2628'. Quart cleavage, in opposite season wacke, subwacke and arguilithin bedded; bed contacts	trn Hole No. Tests at Corr. Dip True Brg % Recovers stinction between up, nated in the quartz site sense to bedding. Ilite, (not limy); a developed; bed come limy, noted; beds probably resedimented arenite (more of a light grey; thick bestz vein less than se to bedding, to consist with narrow list are sherp and file.	per 10' of this wacks. Intervey, to core: 460 medium grey; thatts where and graded, one this. guess from 26 dddd; pyrrhotit 10 cm wide cuts re 420/350 @ 263 iny units, mediat; beds are gr	interval and pal is not cal /320 & 2598'. him to thick flat (two are ick bed context) and in grey; mediaded, tops of	Page 11 preceeding). lcareous. k bedded; convoluted), pins fine D as core reded bed Bedding/			Collar Dip	
Property Commenced Completed Co-ordinates Objective Coolags From To 2583.0 - (Cont'd.) 2600.0 -	Descrip 2600.0 2612.0 2635.0	District Weste Location Core Size The Core Size	Taste at Corr. Dip True Brg % Recovered in the quartz site sense to bedding, in the desired in the quartz site sense to bedding to consider the desired in the desired in the desired in the quartz site sense to bedding to consider the desired in the desired i	pDM6464 per 10' of this wacks. Intervey, to core: 46° medium grey; thects where and graded, one thing. guess from 26 dded; pyrrhotit 10 cm wide cuts re 42°/35° 2 263 iny units, mediat; beds are grafew marrow gours 2538' narrow gours 2558'	Hor. Comp. Vert. Comp. Vert. Comp. Logged by Date interval and gal is not cal /320 @ 2598'. hin to thick flat (two are ick bed conte 23.0 - 2635.(moted in gal core at 120. O'. um grey; mediaded, tops of dark grey; ge zones, some	Page II preceeding). lcareous. k bedded; convoluted), pins fine D as core reded bed Bedding/ ium, some some are lominites parallel			Collar Dip	
Property Commenced Completed Co-ordinates Objective Coolags From To 2583.0 - (Cont'd.) 2600.0 -	Descrip 2600.0 2612.0 2635.0	District Weste Location Core Size The Core Size	Taste at Corr. Dip True Brg % Recovered in the quartz site sense to bedding, in the desired correct thick best arenite (more of a light grey; thick best yein less than se to bedding, to could be a considered in the correct thick best with narrow 1 are sherp and floor reseduentation, and broken core at	pDM6464 per 10' of this wacks. Intervey, to core: 46° medium grey; thects where and graded, one thing. guess from 26 dded; pyrrhotit 10 cm wide cuts re 42°/35° 2 263 iny units, mediat; beds are grafew marrow gours 2538' narrow gours 2558'	Hor. Comp. Vert. Comp. Vert. Comp. Logged by Date interval and gal is not cal /320 @ 2598'. hin to thick flat (two are ick bed conte 23.0 - 2635.(moted in gal core at 120. O'. um grey; mediaded, tops of dark grey; ge zones, some	Page II preceeding). lcareous. k bedded; convoluted), pins fine D as core reded bed Bedding/ ium, some some are lominites parallel			Collar Dip	
Property Commenced Completed Co-ordinates Objective Coolags From To 2583.0 - (Cont'd.) 2600.0 -	Descrip 2600.0 2612.0 2635.0	District Weste Location Core Size Core Core Size Core Core Size Core Core Size Core Core Size Core Core Size Core Core Size Core Core Size Core	According to the state of the s	per 10' of this wacks. Intervey, to core: 460 medium grey; thatts where and graded, one thing. guess from 26 dded; pyrrhotit 10 cm wide cuts re 420/350 @ 263 may units, weding the sense opposite sense	Hor. Comp. Vert. Comp. Vert. Comp. Logged by Date interval and gal is not cal /320 @ 2598'. him to thick flat (two are ick bed conte 23.0 - 2635.(e noted in gal core at 120. O'. um grey; med, aded, tops of dark grey; ge zones, some to bedding,	Page II preceeding). lcareous. k bedded; convoluted), pins fine D as core reded bed Bedding/ ium, some some are lominites parallel to core			Coller Dip	
Property Commenced Completed Co-ordinates Objective Coolags From To 2583.0 - (Cont'd.) 2600.0 -	Descrip 2600.0 2612.0 2635.0	District Weste Location Core Size The Core Size	Taste at Corr. Dip True Brg % Recovers stinction between upper the din the quartz site sense to bedding. Ilite, (not limy); and developed; bed considered in the distance of a limy, noted; beds probably resedimented arenite (more of a light grey; thick bestz vein less than se to bedding, to consider with narrow lass are sharp and floor resedimentation, and broken cors at idding/cleavage, in subwacke; light greys are sharp and floor and broken cors at idding/cleavage, in subwacke; light greys are sharp and subwacke; light grey	pDM6464 per 10' of this wacks. Interversely, to core: 46° medium grey; thets where and graded, one things of the cuts of the	Hor. Comp. Vert. Comp. Vert. Comp. Logged by Date interval and gal is not cal /320 8 2598'. him to thick flat (two are ick bed conte 23.0 - 2635.(moted in gal core at 120. O'. um grey; mediaded, tops of dark grey; ge zones, some to bedding, always clear	Page II preceeding). lcareous. k bedded; convoluted), pins fine D as core reded bed Bedding/ ium, some some are lominites parallel to core but some			Collar Dip	
Property Commenced Completed Co-ordinates Objective Costage Tom Contrage C	Descrip 2600.0 2612.0 2635.0	District Weste Location Core Size Core Core Size Core Core Size Core Core Size Core Core Size Core Core Size Core Core Size Core Core Size Core	True Brg True Brg % Recovered in the quartz site sense to bedding. Illite, (not limy); and developed; bed combot probably resedimented in the sense to bedding arenite (more of a light grey; thick bests will less than se to bedding, to consider a sense to bedding, to consider a sense of the sense of th	per 10' of this wacks. Intervey, to core: 460 medium grey; thatts where and graded, one that. guess from 26 dded; pyrrhotit 10 cm wide cuts re 420/350 @ 263 intervey gou per a few narrow gou per a	interval and pal is not cal /320 & 2598', hin to thick flat (two are ick bed conte 23.0 - 2635.0 e noted in grore at 120.0 o'. um grey; med; aded, tops of dark grey; ge zones, some to bedding, always clear tite is press	Page II preceeding). lcareous. k bedded; convoluted), pins fine D as core reded bed Bedding/ ium, some some are lominites parallel to core but some			Coller Dip	
Property Commenced Completed Co-ordinates Objective Footage From To 2583.0 - (Cont'd.) 2600.0 - 2612.0 -	2600.0 2612.0 2653.0	District Weste Location Core Size Core Si	stinction between up that it is a developed; bed contained in the quartz of the limit, noted; bed combably resedimented arenite (more of a light grey; thick best vein less than se to bedding, to contain the limit of the light grey; thick best vein less than se to bedding, to contain the light grey; thick best vein less than se to bedding, to contain the light grey; thick best vein less than se to bedding, to contain the light grey; thick best vein less than se to bedding, to contain the light grey; thick best with narrow life are sharp and flower core at idding/cleavage, in subwacke; light grey noted, some are constant in some of the light grey noted, some are constant in some of the	per 10' of this wacks. Intervers, to core: 460 medium grey; thats where and graded, one that. guess from 26 dded; pyrrhotit 10 cm wide cuts re 420/350 @ 263 interverse a few narrow gound per 10 medium graph gound per 10 medium graph gound per 10 medium graph gound per 10 medium graph gound gound per 10 medium graph gound	interval and pal is not cal /320 @ 2598'. him to thick flat (two are ick bed conte 23.0 - 2635.(moted in graces at 120. 0'. um grey; mediaded, tops of dark grey; ge zones, some to bedding, always clear tite is presented.	Page II preceeding). lcareous. k bedded: convoluted), sins fine D as core reded bed Bedding/ ium, some some are lominites parallel to core but some ent often			Coller Dip	
Property Commenced Completed Co-ordinates Objective Footage From To 2583.0 - (Cont'd.) 2600.0 - 2612.0 -	Descrip 2600.0 2612.0 2635.0	District Weste Location Core Size dark laminities is main district dissemin bedding/cleavage, in oppose two sets of cross beds, on argillate rip-ups and is present to sets of cross beds, on argillate rip-ups and is present as the sets of cross beds, on argillate rip-ups and is present as soaked in dissel); libases below 2628'. Quartz wacke and quartz is soaked in dissel); libases below 2628'. Quartz cleavage, in opposite sense where the sets of cross beds, and argillate than bedded; bed contacts convoluted indicating mind are present. 10 cm gouge to bedding, at 2653'. BeddeO/120 @ 2632'. Argillite with wisps of thin and very thin beds concuntrated in lamination wacke, subwacke and argillated and dark grey; types and dark grey; types are sense to be a sense t	Taste at Corr. Dip True Brg % Recovered in the quartz site sense to bedding. Ilite, (not limy); a developed; bed contained in the dimental state of a limit reseduent of a limit reseduent of a limit reseduent of a limit reseduent of a limit reseduent of a limit reseduent of a limit reseduent of a limit reseduent of a limit reseduent of a limit reseduent of a limit reseduent of a limit reseduent of a limit reseduent of a limit reseduent of a limit reseduent of a limit reseduent of a limit reseduent of a limit reseduent of the limit reseduent o	per 10' of this wacks. Intervers, to core: 460 medium grey; the test where and graded, one this. guess from 26 dded; pyrrhotit 10 cm wide cuts and the cuts are 420/350 @ 263 int; beds are graded at; he sense expression of the contorted at the contorted at the sense at the few medium at the few medi	Her. Comp. Vert. Comp. Vert. Comp. Logged by Date interval and gal is not cal /320 g 2598', hin to thick flat (two are ick bed conte 23.0 - 2635.(a noted in gal core at 120. O'. um grey; med; aded, tops of dark grey; ge zones, some to bedding, always clear title is proses acke. cke, often cal and rare th	Page 11 preceeding). lcareous. k bedded: convoluted), nins fine D as core reded bed Bedding/ ium, some some are lominites parallel to core but some ent often lcareous; ick beds;			Collar Dip	
Property Commenced Completed Co-ordinates Objective Footage From To 2583.0 - (Cont'd.) 2600.0 - 2612.0 -	2600.0 2612.0 2653.0	District Weste Location Core Size Core Size dark laminites is main distance pyrrhotite dissemin Bedding/cleavage, in oppose wacke, subwacke, and argil weak narrow dark laminites two sets of cross beds, on argilite rip-ups and is particular wacke and quartz is soaked in dissel); libases below 2628'. Quart cleavage, in opposite sense wacke, subwacke and argilithin bedded; bed contacts convoluted indicating simulation bedding, at 2653'. Bed 480/120 g 2652'. Argillite with wisps of thin and very thin beds concuntrated in lamination wacke, subwacke and argilitacke, subwacke and argilitacke, subwacke and argilitacke, subwacke and argilitacke, subwacke and argilitackers.	Taste at Corr. Dip True Brg % Recovered in the quartz site sense to bedding. Is developed; bed confine limy, noted; beds probably resedimented arenite (more of a light grey; thick betz vein less than se to bedding, to confitte with narrow 1 are sherp end floor resedimentation, and broken core at idding/cleavege, in subwacke; light grantation, and some of the send in some of the send in some of the lite with numerous be ically thin bedded wend flat; typically	per 10' of this wacks. Interval, to core: 460 sedium grey; that's wharp and graded, one that's wall or wide cuts and per 420/350 2 263 in units, wedium graded in per 420/350 2 363 narrow goupposite sense sey; bedding not ontorted, pyrrho se contorted subweds of quartz waith few medium graded beds alt	Hor. Comp. Vert. Comp. Vert. Comp. Logged by Date interval and gal is not cal /320 & 2598'. hin to thick flat (two are ick bed conte 23.0 - 2635.(a noted in gal core at 120. O'. um grey; med; aded, tops of dark grey; ge zones. some to bedding, always clear tite is prose acke. cke, often cal and rere th ernate with re-	Page II preceeding). lcareous. k bedded; convoluted), sins fine D as core raded bad Bedding/ ium, some some are lominites parallel to core but some ent often lcareous; ick beds; elstively			Collar Dip	

Property Sulliv	an <u>Dimirict</u> Western	Hole No. DDH6464	~				
Commenced	Location	Tests at	Hor. Comp.		1		
Completed	Core Size	Corr. Dip	Vert. Comp.		-1		
Co-ordinates	· · · · · ·	True Brg.	Logged by		4_		à
Objective		% Recov.	Date		Claim	Į,	8
Footage Des	cription		· · · · · · · · · · · · · · · · · · ·			<u>l⊢</u> Iyela	
rom Ta					\vdash	F	
2658.0 - 2802.0 (Cont'd.)	Portion of small fold cored sense to bedding, to core: 450/280 g 2750', 500/100 g 277	45°/27° # 2673', 53°/23°				_	-
2802.0 - 2819.0	Quartz wacke and quartz areni	ite and altered (willimific	ed) sediments eedi	iie Ofabi	<u> </u>	╀.	╂
1002,0 - 1017,0	thick bedded with thin beds bleaching along fractures 2814	from 2812 - 2815'. Biot				-	
2819.0 - 2880.0					-	ļ	<u> </u>
	to be gradational and incorp Chilled contact with amphibole				\vdash	\vdash	╀
	grained to 2829. Nost of in veinlets and calcite veinlets.	sterval is medium to coars	se grained with a fe			L	<u> </u>
2880.0 - 2914.0	Wacke, subwacke and argillite;	light medium grey; med	fium and thin bed	ded; bed	\vdash	╄	
	contacts sharp and flat; bed ca of limy quartz wacks a coup					╆.	
	noted in central portion of	one bed. Most of this in	sterval is bleached	and fine	\vdash	1	\vdash
	biotite is developed in the wa basal and central portions (\vdash	-	+
	550 @ 2900', 500 with subtle p				\vdash	+	+
	at 2903', 48° ¶ 2914'.				\vdash	┿-	+
2914.0 - 2926.5	Calcareous quartz arenite and and argillite; *edius and lig				\vdash	T	T
	about 20% thin, bedded; bed co	entacts are sharp and flat	to irregular, one e	rosional;	\vdash	+	+
	beds are graded, thickest have some slumped beds (based on				\vdash	†	1
	9 2921', 45° @ 2916', 50° # 29		, 20. 4 47			+	†
					\vdash	1	+
i						ŀ	1
							+
Dell' Hele Deser			**			<u> </u>	<u>+</u> -
Drill Hole Reco		Hole No. DDH6464	Cominco	Page 13			
Property Sullivan		Hole No. DDH6464 Tents at	Comp.	Page 13			
Property Sullivan	District Western		♦ •	Page 13			
Property Sullivan Commenced Completed	District Western Location	Tests at	Hor. Comp.	Page 13			da da
Property Sullityan Commenced Completed Co-ordinates	District Western Location	Tests at Corr. Dlp	Hor. Comp.	Page 13	uli uli	1	flar Dip
Property Sullivan Commenced Completed	District Western Location	Tests at Corr. Dip True Brg.	Hor. Comp. Vert. Comp. Logged by	Page 13		⊢ Brg	Collar Dip
Property Sullitvan Commenced Completed Co-ordinates Objective	District Western Location	Tests at Corr. Dip True Brg.	Hor. Comp. Vert. Comp. Logged by	Page 13	E GO Anel	⊢ Brg	Collar Dip
Property Sullivan Commenced Completed Co-ordinates Objective Collage Description To	District Western Location Core Size	Tests at Corr. Dip True Brg. % Recov.	Hor. Comp. Vert. Comp. Logged by Date			⊢ Brg	Collar Drp
Property Sullitvan Commenced Completed Co-ordinates Objective	District Western Location Core Size ription Wacke, subwacke and argilite, two medium beds separated by the	Tests at Corr. Dip True Brg. % Recov. sore quartzitic portion of thin bedded argillite and su	Hor. Comp. Vert. Comp. Logged by Date f lowest bed is celcubwacks, portions of	areous;		⊢ Brg	Collar Dip
Property Sullivan Commenced Completed Co-ordinates Objective Collage Description To	District Western Location Core Size ription Wacke, subwacke and argilite, two medium beds separated by the are disaggregated. The two medium sec	Tests at Corr. Dip True Brg. % Recov. #Ore quartzitic portion of thin bedded argillite and audium beds contain shredded	Hor. Comp. Vert. Comp. logged by Date f lowest bed is celcubwacks, portions of wisps and clasts of	areous; of which argillite.		⊢ Brg	Collar Dip
Property Sullivan Commenced Completed Co-ordinates Objective Collage Description To	District Western Location Core Size ription Wacke, subwacke and argillite, two medium beds separated by the are disaggregated. The two medium continues with portions	Tests at Corr. Dip True Brg. % Recov. sore quartzitic portion of hin hedded argillite and audium beds contain shredded weekly calcareous; medium	Hor. Comp. Vert. Comp. Logged by Date f lowest bed is celcubwacks, portions of wisps and closts of grey; to medium g	rareous; of which or argillite. or argillite.		⊢ Brg	Collar Dip
Property Sullivan Commenced Completed Co-ordinates Objective Polace To Descript To 2926.5 - 2933.0	District Western Location Core Size ription Wacke, subwacke and argilite, two medium beds separated by the are disaggregated. The two medium sec	Tests at Corr. Dip True Brg. % Recov. **Ore quartzitic portion of hin bedded argillite and sudium beds contain shredded weekly calcareous; medium 2935.5° may be sheared of	Hor. Comp. Vert. Comp. Logged by Date f lowest bed is colcubwacke, portions of wisps and clasts of a grey; to medium gargillite, if so the colcubus controls of the colcubwacke.	careous; of which argillite. grained;		⊢ Brg	Collar Dip
Property Sullivan Commenced Completed Co-ordinates Objective Postage Postage 2926.5 - 2933.0	District Western Location Core Size ription Wacke, subwacke and argilite, two medium beds separated by the are disaggregated. The two medium beds are disaggregated at the two medium beds. Size of gouge at beds. Base is a quartz wacke to	Tests at Corr. Dip True Brg. % Recov. more quartizatic portion of this bedded argillite and sudium beds contain shredded weakly calcareous; medium 2935.5° may be sheared at (20 cm); this is essentially	Hor. Comp. Vert. Comp. logged by Date f lowest bed is celcubwacks, portions of wisps and clasts of a grey; to medium gargillite, if so thy a Bouns A turbidi	rareous; if which argillite. grained; hen two ite(s?).		⊢ Brg	Collar Dip
Property Sullivan Commenced Completed Co-ordinates Objective Polace To Descript To 2926.5 - 2933.0	District Western Location Core Size Core	Tests at Corr. Dip True Brg. % Recov. More quartzitic portion of him bedded argillite and sudium beds contain shredded weekly calcareous; medium 2935.5° may be sheared of (20 cm); this is essential! wacke proportion increases calcareous quartz arenite.	Hor. Comp. Vert. Comp. Logged by Date f lowest bed is celculowacks, portions of wisps and clasts of wisps and clasts of argillite, if so try a Bouna A turbidity a Bouna A turbidity a with depth, with is and quartz wach	rareous; of which cargillits. crained; then two ite(s?). solated te from;		⊢ Brg	Coller Dip
Property Sullivan Commenced Completed Co-ordinates Objective Postage Postage 2926.5 - 2933.0	District Western Location Core Sixe ription Wacke, subwacke and argillite, two medium beds separated by the are disaggregated. The two medium beds, 3 cm of gouge at beds. Base is a quartz wacke wacke, subwacke and argillite,	Tests at Corr. Dip True Brg. % Recov. **Ore quartzitic portion of thin bedded argillite and sudium beds contain shredded weakly calcareous; medium 2935.5' may be sheared at (20 cm); this is essential electrons quartz arenite 2950.5-2952.0' (single bed	Hor. Comp. Vert. Comp. logged by Date f lowest bed is cold ubwacke, portions of wisps and clasts of a grey; to medium g argillite, if so t ly a Bouma A turbidi s with depth, with i end quartz wack d), 2955.3-2986.5',	careous; of which argillits. grained; then two the(5?). solated te from; 2959.5~		⊢ Brg	Collar Dip
Property Sullivan Commenced Completed Co-ordinates Objective Postage Postage 2926.5 - 2933.0	District Western Location Core Size ription Wacke, subwacke and argillite, two medium beds separated by the are disaggregated. The two medium thick bedded, 3 cm of gouge at beds. Base is a quartz wacke wacke, subwacke and argillite, medium beds of medium grained (2948-2942' (two 15 cm beds), 2954.0' (4 beds), 2972.0-2974.0 thin bedded, bed contacts are	Tests at Corr. Dip True Brg. % Recov. More quartzitic portion of his bedded argillite and sudium beds contain shredded weakly calcareous; medium 2935.5° may be sheared a (20 cm); this is essentiall wecks proportion increases calcareous quartz arenite 2950.5-2952.0° (single bed of (two beds). Hedium to sharp and from flet (mc sharp and from flet (mc sharp and from flet (mc sharp and from flet (mc sharp and from flet (mc sharp and from flet (mc sharp and from flet (mc sharp and from flet (mc sharp and from flet (mc sharp and from flet (mc sharp and from flet (mc sharp and from flet (mc sharp and from flet (mc sharp and from flet (mc sharp and from flet (mc sharp and flet flet)	Hor. Comp. Vert. Comp. logged by Date f lowest bed is celcubwacks, portions of wisps and clasts of a grey; to medium gargillite, if so the last of the company of the c	rareous; if which if argillite. grained; then two tte(s?). solated te from; 2959.5- iium and regular,		⊢ Brg	Collar Dip
Property Sullivan Commenced Completed Co-ordinates Objective Postage Postage 2926.5 - 2933.0	District Western Location Core Sixe ription Wacke, subwacke and argillite, two medium beds separated by the are disaggregated. The two medium thick bedded, 3 cm of gouge at beds. Base is a quartz wacke (wacke, subwacke and argillite, medium beds of medium grained (2948-2942' (two 15 cm beds), 2964.0' (4 beds), 2972.0-2974.0' thin bedded, bed contacts are both graded beds and dark greater several sets of calcary	Tests at Corr. Dip True Brg. % Recov. ***Recov. **Recov. ***Recov. **Recov. ***Recov. **Recov. ***Recov. **Recov. ***Recov. ***Rec	Hor. Comp. Vert. Comp. logged by Date f lowest bed is colcubwacke, portions of wisps and clasts of a grey; to medium gargillite, if so the body a Bouma A turbidite of a wisp and clasts of a grey; to medium gargillite, if so the body and interpretable of the way and interpr	careous; of which argillite. grained; then two the(s?). scolated sc from; 2959.5- sium and regular, 2971.5' seavage,		i Brg	Coller Dip
Property Sullivan Commenced Completed Co-ordinates Objective Postage Postage 2926.5 - 2933.0	District Western Location Core Size ription Wacke, subwacke and argillite, two medium beds separated by the are disaggregated. The two medium beds is a quartz wacke the beds. Base is a quartz wacke the beds, subwacke and argillite, medium beds of medium grained of 2948-2942' (two 15 cm beds), 2964.0' (4 beds), 2972.0-2974.0' thin bedded, bed contacts are both graded beds and dark greater seweral sets of calcarding opposite sense to bedding: 0.5 to 1.0 cm of 50x pyrrhotists.	Tests at Corr. Dip True Brg. % Recov. ***Recov. ***Recov. ***Properties of the properties of the	Hor. Comp. Vert. Comp. iogged by Date f lowest bed is celcubwacks, portions of wisps and clasts of argillite, if so the second of the seco	areous; if which argillite. grained; hen two ite(s?). solated ie from: 2959.5- ium and equiar, 2971.5' ieavage, 2976'.		i Brg	Coller Dip
Property Sullivan Commenced Completed Co-ordinates Objective 2926.5 - 2933.0 2933.0 - 2941.0 2941.0 - 2976.0	District Western Location Core Size Core	Tests at Corr. Dip True Brg. % Recov. **Ore quartzitic portion of thin bedded argillite and sudium beds contain shredded weakly calcareous; medium 2935.5' may be sheared at (20 cm); this is essential; weakly proportion increases along the proportion increases calcareous quartz arents 2950.5-2952.0' (single bed)' (two beds). Medium to sharp and from flet (mo y laminites are present sous cross laminations. Be 540/150 & 2946', 520/28 to at base of thin quartz to the sharp and the sharp and the sharp and from the sharp	Hor. Comp. Vert. Comp. logged by Date f lowest bed is coloubwacke, portions of wisps and clasts of a grey; to medium gargillite, if so the send quartz wackely a Bouma A turbidis with depth, with a end quartz wackely, 2955.3-2956.5°, to dark grey, medium of the send quart of the send quart of the send quart wackely, 2955.3-2956.5°, to dark grey, medium of the send quart wackely to wavy and irrest to wavy and irrest to wavy and irrest to dark grey, medium of the send quart wave and ding/pyrrhotite of the send quart wave and ding/pyrrhotite of the send quarkely to wackely bed between less than the send quarkely to wackely the send quarkely the send qu	careous; of which argillits. grained; then two the(5?). solated te from; 2959.5- ium and regular, 2971.5' leavage, 12976'. iminites		i Brg	Collar Dip
Property Sullivan Commenced Completed Co-ordinates Objective Postage Postage 2926.5 - 2933.0	District Western Location Core Size ription Wacke, subwacke and argillite, two medium beds amparated by the are disaggregated. The two medium beds of medium grained of the beds. Base is a quartz wacke wacke, subwacke and argillite, medium beds of medium grained of 2948-2942' (two 15 cm beds), 2964.0' (4 beds), 2972.0-2974.0' thin bedded, bed contacts are both graded beds and dark greiner seweral sets of calcare in opposite sense to bedding: 0.5 to 1.0 cm of 50x pyrrhotist 2970'. Quartz arenita, minor quartz we coarse, some very coarse greaters.	Tests at Corr. Dip True Brg. % Recov. ***Recov. **Recov. **R	Hor. Comp. Vert. Comp. logged by Date f lowest bed is celculoused, portions of wisps and clasts of argillite, if so the distribution of the company of t	gareous; of which argillite. grained; then two te(s?). solated (e from: 2959.5- fium and equiar, 2971.5' teavage, 1 2976'. aminites		i Brg	Coller Dry
Property Sullivan Commenced Completed Co-ordinates Objective 2926.5 - 2933.0 2933.0 - 2941.0 2941.0 - 2976.0	District Western Location Core Sixe Core	Tests at Corr. Dip True Brg. % Recov. ***Recov. **Recov. **	Hor. Comp. Vert. Comp. logged by Date f lowest bed is colcubwacks, portions of wisps and clasts of a grey; to medium gargillite, if so the send quartz wacks, 2955.3-2936.5°, to dark grey, we cost to wavy and irreduced from 2971.0 -edding/pyrrhotite of 2966°, 500/36° 6 wacks bed between lend argillite; light, amalgameted; bed on det tops.	careous; of which argillite. grained; then two te(s?). solated te from; 2959.5- ium and regular, 2971.5' leavage, 1 2976', iminites it grey; contacts		i Brg	Coller Dip
Property Sullivan Commenced Completed Co-ordinates Objective 2926.5 - 2933.0 2933.0 - 2941.0 2941.0 - 2976.0	District Western Location Core Size Core	Tests at Corr. Dip True Brg. % Recov. More quartzitic portion of him bedded argillite and sudium beds contain shredded weakly calcareous; medium 2935.5° may be sheared of (20 cm); this is essential! wacks proportion increases calcareous quartz arenite 2950.5-2952.0° (single bedo' (two beds). Hedium to sharp and from flet (mo y laminites are present a sous cross laminations. Bedo' 150 g 2946°, 520/28 to at base of thin quartz weakly wacks, subwacks are rained; very thick bedded, rip-up clasts and contorted thin bedded; with two this sharp and flat to wavy (1)	Hor. Comp. Vert. Comp. Logged by Date f lowest bed is celculowacks, portions of wisps and clasts of argillite, if so the series of the ser	rareous; of which rargillits. chan two ite(s?). solated te from; 2959.5- ium and regular, 2971.5' teavage, 1 2976', aminites int grey; contacts sequenty		i Brg	Coller Dip
Property Sullivan Commenced Completed Co-ordinates Objective 2926.5 - 2933.0 2933.0 - 2941.0 2941.0 - 2976.0	District Western Location Core Size Core	Tests at Corr. Dip True Brg. % Recov. ***Ore quartzitic portion of him bedded argillite and sudium beds contain shredded weakly calcareous; medium 2935.5° may be sheared a (20 cm); this is essential! ***watche proportion increases calcareous quartz arenite 2950.5-2952.0° (single bedo' (two beds). Hedium to sharp and from flat (mo' laminites are present a sous cross laminations. Bedous cross laminatio	Hor. Comp. Vert. Comp. logged by Date f lowest bed is celcubwacke, portions of wisps and clasts of argillite; light a Bouna A turbidite and quartz wacked, 2955.3-2956.5', to dark grey, we obt to wavy and irrested from 2971.0 - edding/pyrrhotite class 2966', 500/360 & wacke bed between level and argillite; light, amalgamated; bed ced bed tops.	rareous; of which rargillits. grained; then two tte(s?). solated te from; 2959.5- tium and regular, 2976'. timinites tt grey; contacts trenite; e quartx ad zone;		i Brg	Coller Dip
Property Sullivan Commenced Completed Co-ordinates Objective 2926.5 - 2933.0 2933.0 - 2941.0 2941.0 - 2976.0	District Western Location Core Size Core	Tests at Corr. Dip True Brg. % Recov. ***Recov. **Recov. ***Recov. **Recov. Hor. Comp. Vert. Comp. logged by Date f lowest bed is cold abwacks, portions of wisps and clasts of a grey; to medium g argillite, if so t ly a Bouna A turbid s with depth, with i e and quartz wack i), 2955.3-2956.5', to dark grey, med bost to wavy and irr and from 2971.0 edding/pyrrhotite of 2966', 500/36° 6 wacks bed between la mid argillite; ligh, amalgamated; bed of ed bed tops, in beds of quartz a load features on the eous cross laminate s, some in cleavage	graned; for which for argillite. grained; then two te(s?). solated se from; 2959.5- filum and regular, 2971.5' leavage, 1 2976', iminites for the grey; contacts for argillites for argill		i Brg	Collar Dip	
Property Sullivan Commenced Completed Co-ordinates Objective 2926.5 - 2933.0 2933.0 - 2941.0 2941.0 - 2976.0	District Western Location Core Sixe Core	Tests at Corr. Dip True Brg. % Recov. ***Recov. **Recov. ***Recov. **Recov. Hor. Comp. Vert. Comp. logged by Date f lowest bed is cold abwacks, portions of wisps and clasts of a grey; to medium g argillite, if so t ly a Bouna A turbid s with depth, with i e and quartz wack i), 2955.3-2956.5', to dark grey, med bost to wavy and irr and from 2971.0 edding/pyrrhotite of 2966', 500/36° 6 wacks bed between la mid argillite; ligh, amalgamated; bed of ed bed tops, in beds of quartz a load features on the eous cross laminate s, some in cleavage	graned; for which for argillite. grained; then two te(s?). solated se from; 2959.5- filum and regular, 2971.5' leavage, 1 2976', iminites for the grey; contacts for argillites for argill		i Brg	Collar Dip	

Property Sulliv	n <u>District Western</u>	Hols No. DDH6464				İ	
Commenced	Location	Tests at	Hor. Comp.	_		1	
Completed	Core Size	Carr, Dip	Vert. Comp.	4 1	- 1.	إ	
Co-ordinates		True Brg.	Logged by			5	ł
Objective		% Recov.	Date		a i		i
Footage D	escription			O III Analys		31	ļ
rom To						\Box	Ī
3041.0 - 3096.					4	_	L
	and dark groy; thin bedded with sharp and flat (generally) to we				_4.		L
	laminites 1 to 10 cm thick.	the quartz wacke bases a	re usually calcareous and	-	_∤.	[L
•	many contain disseminated pyrrho concentrated in 2 or 3 mm with				_	[L
	cleavage. Calcite fractures bel	ow 3075', brownish appea	rance of some beds noted		_	_	L
1	balow 3085' (biotite). Mossive cleavage, in opposite sense to b			<u> </u>	4		-
	@ 3060', 420 to 130 on cleavage	parallel break of 400, at	3064' (over 5 cm), 509/229	-			ŀ
	θ 3065,51, guaden change at 3066 to rotate core about 450) θ 30				_		ŀ
	then several fold hinges to 3084	1, 359/409 @ 3084.2, 359/3	5° @ 3120′.		_	_	-
3096.0 - 3122.	O Gabbro, fine to medium grained	; chilled upper margin w	uth amphibole phenocrysts		_		ŀ
	and some biotite; considerable containing amphibole phenocryst	e biotite 3120 to 3122'	with chilled lower margin		4		H
	469.	s. opper contact 43°, 1	over contact is sharp at		4	_	ŀ
 3122.0 - 5189.	5 Wacke, subwacke and argillite			1	-		L
3122.0 - 3183.	bedded with a few thin beds; bed				4	_	L
	and often have a Calcareous la commonly suparate the graded bed						
1	41º @ 3122.5', 25º @ 3150', 19º			\vdash	_		ŀ
ļ	@ 3168', 149/459 @ 3171', 309/40 Fault gone: 3169 - 3182' core is				-	_	ŀ
	or gouge. A few calcute veinlet		tage of preceits and	1-1	-		ŀ
3189.5 - 3262.	O Quart: arenite, quartz wacke wi	th substantial wacks helm	u 2005' some bode fina				r
3207,5 - 32027	granned, medium grey (dark whe	n wet) with the wacke dar.	k grey; thick bedded with		+		H
	some medium beds below 3275'; be flat; beds are graded and some h			}			ŀ
<u> </u>							L
							_
•			^	1 :	Ţ	1	
Drill Hole Red	ord		Comingo Page 15			ł	
			6-3	1	-	1	
Property Sulliv	an <u>District Western</u>	Hole No. DBH6464	* *			-	
Commenced	Location	Tests at	Hor. Comp.	4	ļ		
Completed	Core Size	Corr. Dlp	Vert. Comp.	_			
Co-ordinales		True Brg.	Logged by	-	llar Dip	.]	
Objective		% Recov.	Date	토호	<u> </u>		

_	Drill Hole Recor	·d		Cominco Page 15				
_	Property Sullivan	District Western	Hole No. DDX6464]
_	Commenced	Location	Tests at	Hor. Comp.	_	}		ı
	Completed	Core Sixe	Corr, Dip	Vert. Comp.	_	1		1
	Co-ordinales		True Brg.	Logged by	_	1	ġ	1
	Objective		% Recov.	Date		Bro	Collar	
	Footage Descrip	ption				lysia		J.
	3189.5 - 3262.0 (Cont'd.)	in wisps to 0.5 cm wide and con to core 75° 8 3203', 58° 8 3211' 3199 - 3220' Core shattered, a	centrated in a few thin , 71° 8 3220°, 74° 8 32	quartz wacke beds. Bedding 36', 75° @ 3241', 75° @ 3260'. heared zones, some slickensides	-			1
	3262.0 - 3307.0	Wacke, dark grey and light to core 74° # 3270', 75° # 3300'		out, rare thin bed. Bedding			\pm	1
	3307.0 - 3415.0	Wacke is predominant, with quar medium to light grey; thick an rarely diffuse, and flat to wavy tops and rare sets of argillac noted in first 10', calcareaus of pyrhotite noted in first 15 argillaceous zones; it dips in small gouge zones are develo core: 750/119 @ 3315', 740 \$ 33 709/129 @ 3408'.	d medium bedded; bed ; nost beds are graded eous thin beds are graded eous thin beds are conconcretions noted at wid then cleavage chlor opposite sense than ped on several bed co. 42', 520/250 \$ 3360'	contacts sharp to distinct, to argillite, some argillite voluted, a few lithic clasts a spaced intervels. Clasvage ite is commonly developed in bedding. Slickensides and ntacts. Bedding/cleavage to (bedding irregular here),				
	3415.0 - 3424.0	Subvacke and argillite; medium very thin bedded with medium bed then diffuse, and flat. Gleav bedding. Bedding/cleavage to co	s below 3421'; bed co age chlorites througho	ntacts are sharp to 3421',		+	-	-
	3424.0 - 3465.0	Quartz wacks, some quartz erenit grained; medium and light gr 3430° and rarely below; bed cont are graed, primarily AE turb the thicker beds; these patches	ey; thick bedded with acts sharp to diffuse a idites. Calcareous pa	medium and thin beds 3424 - nd flat to irregular; beds tches are present in some of				

Drill Hole Rec			Cominco Page	16			
Property Sulliva	n District Western	Hole No. DDH6464			1		
Commenced	Location	Tests at	Hor, Comp.				Ī
Completed	Core Size	Corr. Dlp	Vert. Comp.			ا	ا ۵
Co-ordinates		True Brg.	Logged by		١.	. 8	5
Objective		% Recov.	Date	- L	4.0	Cottar	
ootage Desc	cription		······································		alys		
3424.0 ~ 3465.0	there are also intervals of qua-	rtz arenite that have a v	veskiv calcareous interetit		1		
(Cont'd.)	fill. From 3438 to 3444', primhealed crush zone. Gouge and 3455'. Bedding/with cleavage d	arily quartz arenite and alickensides noted on	some argillite, is a parti bed contacts at 3444.5 an	ally			
3465.0 ~ 3486.0	Wacke, subwacke and argillite weith few thin bade; bed count and minor gouge noted on a few dipping in opposite sense to be	ntacts generally vague, bedding planes and some i	some are flat; slickenside	· = -			
3485.0 - 3501.0		_	od ergillitas fina greined	. +	+	-+	
	light grey; thick bedded; bed co	ontacts sharp to grade	stional and flat to wavy	' [‡] [\dashv	\dashv	
	beds are graded, through to some beds have pale calcareous;				寸	_	_ †
	intervals in which fine inter-						
3501.0 - 3519.0		medium to light grave s	edium and thin bedded, tw	<u>,</u>	-		
	thick beds; bed contects sherp	p to diffuse and flat to	wavy; one flame noted; bed	l a [+	+	
	are graded (AE turbidites) with patches. Bedding to core is (+	-	-
	at 3505'.			}	+	-+	
3519.0 - 3575.0					1	\dashv	
	 bedded with a few medium beds; irregular (some flames); beds as 	re graded, AE turbidite	s. A few dark argillit				
	clests noted in wacks portion of		saes of most beds are quart edding/cleavage, dipping i				
	UARRO SITCHARACTURA PRESENT			[1-		
	opposite sense to bedding, to co			1			
				. -	+		
			AA				
Orill Hole Reco	opposite sense to bedding, to co	ore: 84°/26° ₹ 3550°.	Cominco Page 1	- -			
roperty Sullivan	opposite sense to bedding, to co	Pre: 84°/26° ₹ 3550°.	\$ \$	17			
reperty Sullivan	OPPOSITE Sense to bedding, to co	Hole No. DDH6464	Hor. Comp.	17		İ	
croperty Sullivan commenced completed	opposite sense to bedding, to co	Hole No. DDH6464 Tests #1 Corr. Dlp	Hor. Comp. Vert. Comp.	17		dio	
coperty Sullivan commenced completed	OPPOSITE Sense to bedding, to co	Hole No. DDH6464	Hor. Comp.		170.	liar Dip	
croperty Sullivan commenced completed	OPPOSITE Sense to bedding, to co	Hole No. DDH6464 Tests at Corr. Dlp True Brg.	Hor. Comp. Vart. Comp. Logged by	Cleim	Bra	8	L Land
coperty Sullivan commenced completed co-ordinates objective cose Description	OPPOSITE Sense to bedding, to co	Hole No. DDH6464 Tests at Corr. Dlp True Brg.	Hor. Comp. Vart. Comp. Logged by	Cleim	l Billion	8	T. Park
coperty Sullivan commenced completed co-ordinates	District Western tocation Core Size	Hole No. DDH6464 Tests at Corr. Dlp True Brg. % Recov.	Hor. Comp. Vart. Comp. Logged by Date Date	E S S S S S S S S S S S S S S S S S S S		8	Aug.
coperty Sullivan commenced completed co-ordinates objective company co	District Western Location Core Size	Hole No. DDH6464 Tests #! Corr. Dlp True Brg. % Recov.	Hor. Comp. Vert. Comp. Logged by Date Date wacke; medium grey; medium contacts dimtinct to vagu	E E E		8	A Company of the Comp
coperty Sullivan commenced completed co-ordinates objective company co	District Western tocation Core Size Wache, subworks and argillate and thin bedded (the quartz wach and flat to irregular; sany beds intervals in which internal fee	Hole No. DDH6464 Tests #! Corr. Dlp True Brg. % Recov. with about 10% quartz to beds are thick); bed a are graded however there stures are obscured by	Hor. Comp. Vert. Comp. Logged by Date wacke; medium grey; medium contacts distinct to vague e are some argillite domain bit grooving. Slickenside	E S D An		8	T. T. T. T. T. T. T. T. T. T. T. T. T. T
coperty Sullivan commenced completed co-ordinates objective company co	District Western tocation Core Size Figition Wacke, subwacke and argillite and thin bedded (the quartz wach and flat to irregular; sany beds intervals in which internal fears commonly developed on be a small angle to bedding. Very	Hole No. DDH6464 Tests #! Corr. Dlp True Brg. % Recov. with about 10% quartz te beds are thick); bed a are graded however ther stures are obscured by adding contects and on small scale tectonic fol	Hor. Comp. Vart. Comp. Logged by Date Date Packe; medium grey; Medium contacts distinct to vague are some argillite dominabit grooving. Slickenside fractures subparallel or a da and thrusts are developed.	E B B B B B B B B B B B B B B B B B B B		8	Kita
coperty Sullivan commenced completed co-ordinates objective company co	District Western tocation Core Size Figure 1	Hole No. DDH6464 Tests #! Corr. Dlp True Brg. % Recov. ** with about 10% quartx to beds are thick); bed are graded however theretures are obscured by sidding contacts and on amall scale tectonic fol Cleavage chlorites are processed.	Hor. Comp. Vart. Comp. Logged by Date Date : wacke; sedium grey; Mediu contacts distinct to vague are some argillite domin bit grooving. Slickenside fractures subparallel or a dea and thrusts are developlentiful. Bedding/cleavag	An An An An An An An An An An An An An A		8	701 <u>7</u>
coperty Sullivan commenced completed co-ordinates objective company co	District Western tocation Core Size Wacke, subwacke and argillite and thin bedded (the quartz wack and flat to irregular; sany beds intervals in which internal fer are cosmonly developed on be a small angle to bedding. Very in the orgillaceous intervals. (sense relative to bedding) to cense as 72° lish and opposite	Hole No. DDH6464 Tests at Corr. Dlp True Brg. % Recov. with about 10% quertx to beds are thick); bed are graded however ther stures are obscured by adding contects and on small scale tectonic fol Cleavage chlorites are post to 14° on core: 72° to 14° on core: 72° to 14° on core: the 14° limb) # 3577′,	Hor. Comp. Vart. Comp. Logged by Date Twacke; medium grey; medium contacts distinct to vaguate are some ergillite dominating proving. Slickenside fractures subparallel or a da and thrusts are developmentallel. Bedding/cleavag opposite limb/22° (in sem 75°/22° (opposite) \$ 3589°	An An An An An An An An An An An An An A		8	Elav
coperty Sullivan commenced completed co-ordinates objective company co	District Western iocation Core Size Figition Wacke, subwacke and argillite and thin bedded (the quartz wack and flat to irregular; sany beds intervals in which internal fears commonly developed on be a small angle to bedding. Very in the orgillaceous intervals. (sense relative to bedding) to	Hole No. DDH6464 Tests #! Corr. Dlp True Brg. % Recov. with about 10k quertz te beds are thick); bed a are graded however ther stures are obscured by adding contects and on amali scale tectonic fol Cleavage chlorites are p core: 72° to 14° on c the 14° limb) # 3577', 36° (some), 43° and 24° (Hor. Comp. Vart. Comp. Logged by Date Twacke; medium grey; medium contacts distinct to vaguate are some ergillite dominating proving. Slickenside fractures subparallel or a da and thrusts are developmentallel. Bedding/cleavag opposite limb/22° (in sem 75°/22° (opposite) \$ 3589°	An An An An An An An An An An An An An A		8	E tax
coperty Sullivan commenced completed co-ordinates objective com To 3575.0 - 3599.0	District Western iocation Core Size Wacke, subwacke and argillite and thin bedded (the quartz wack and file to irregular; sany beds intervals in which internal fee are commonly developed on be a small angle to bedding. Very in the orgillaceous intervals. (sense relative to bedding) to sense as 72° limb and opposite 84° (enveloping small thrusts)? limb)/39° (seme, axial planer)	Hole No. DDH6464 Tests at Corr. DIP True Brg. % Recov. with about 10% quartx as beds are thick); bed as are standed however there at the standed as are graded however the stures are obscured by adding contects and on amall scale tectonic fol Cleavage chlorites are prore: 72° to 14° on cost the 14° limb) # 3577′, 36° (same), 43° and 24° (same), 43° and 24° (same), 43° and 24° (same).	Hor Comp. Vert. Comp. Logged by Date Date The wacke; sedium grey; Medium contacts distinct to vaguate are some ergillite domin bit grooving. Slickenside fractures subparallel or and thrusts are developmentiful. Bedding/cleavagupposite limb/22° (in semplement) (in s	Eigo An		8	2017
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roperty Sullivan commenced completed co-ordinates blictive com To 2575.0 - 3599.0	District Western tocation Core Size Figition	Hole No. DDH6464 Tests at Corr. Dip True Brg. % Recov. with about 10% quertx to beds are thick); bed are graded however there are obscured by adding contects and on small scale tectonic fol Cleavage chlorites are obtained and and 140 (see the 140 limb) \$ 3577', 360' (some), 430' and 240' (see the 140 limb) \$ 3578.5'. s. core is shattered with Slickensides are not strongly developed partactures sub-parallel to strongly developed partactures sub-parallel to strongly developed partactures sub-parallel to thin bedded, thick beds at vague and flat to irrespond to the strongly graded, as we see 3-10 cm quartz ere y thicker beds) and occorose leminated intervals beds between 3675 - 3680	Hor Comp. Vert Comp. Logged by Date Date The variable of the stat	Espon And Fed State Stat		8	

Property Sulliva:	n District yeste	rn Hole No. DDH6464	ICOMINCO Page I				
Соттепсеб	Location	Tesis at	Hor. Comp.			}	Ì
Completed	Core Size	Cort, Dip	Vert. Comp.				1
Co-ordinates		True Brg.	Logged by			å	:
Objective		% Recov.	Date		T Bro.	Coller	1484
Footage Desc	ription				aly s		ju:
rom To	·				-		+
3620.0 - 3725.0 (Cont'd.)	is great, and on some fr	ral bedding contacts, especie actures at small angle to be	ding; one fracture paralle	is (=	- -	- 🕇	
	20 cm of unbroken core h	as well developed slickens ling/cleavage (sense of dip)	ide lineation near-paralleleletive to bedding) to cor	D1 D:	+	-十	- †
	81º # 3663', 86º/04º (oppo # 3678', 78º/22º (same) #	site) 0 3647', 85°/10° (oppo:	ite) @ 3665', 879/209 (sex	•,	-		
3725.0 ~ 3731.0	About 3' short. Fault z fragments.	one gouge, light grey fine (clay with grit and small ro	ck	+		+
3731.0 - 3740.0	Quartz arenite and quartz Fractures common, from OG rock fragments to 1 cm acr	wacks; medium grey; thick bes to 25° to core. At 3732' is oss.	ided; no bed contacts obser a 10 cm gouge zone contain	ved.			-
3740.0 ~ 3751.0	Wecke, subvacke and argill distinct to flat (most) or	ite; medium grey; thin bedo wavy. Bedding to core 570	led; bed contacts sharp to 3745'.	or		1	1
3751.0 - 3793.0	Wecke and quartz wacke, R	inor more argillaceous rock;	medium greys commonly brok	•n			-
	but seems mostly medium be	dded, probably some thick ones, rarely see slickensic	beds; contacta rare. Ro	c*	+		
	gouge noted, mainly in las			-	+	+	1
3793.0 - 3609.0	Quertz arenite, quertz wac	the and wacke, medium to 1:	ight grey; thick bedded; b	•d			+
	contacts broken, vague.			H	1	1	
3809.0 - 3828.0	Wacke, subvacke and argill	ite; medium grey; medium and	thin bedded and a few lesi	ne-	_		
	a whredded appearance; be	eds have been disaggregated of contacts are sharp and f	at to wavy. Two graded be	ds [
	have quartz arenite bases,	one is calcareous and the of 3810', 43° # 3822', exall	her has calcareous patche	•• [I		
	to core is 0° over 1 cs, 4	39 8 3828'.					_[
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			Cominco Page 1	19			
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Property Sullivan	<u>District</u> Keste Location	Tests at	Hor, Comp.	19			
Commenced Completed	District Weste		\$	19		QiQ	
Property Sullivan Commenced Completed Co-ordinates	<u>District</u> Keste Location	Tests at Corr. Dip	Her, Comp. Vert. Comp.		879.	llar Dip	.x.
Property Sullivan Commenced Completed Co-ordinates	<u>District</u> Keste Location	Tests at Corr. Dip True Brg.	Hor, Comp. Vert. Comp. Logged by	Claim	T 6/9.	8	Elev.
Property Sullivan Commenced Completed Co-ordinates Objective Poolage Descri	<u>District</u> Keste Location	Tests at Corr. Dip True Brg.	Hor, Comp. Vert. Comp. Logged by	Claim	O D	8	Elev
Property Sullivan Commenced Completed Co-ordinates Objective	District Meste Location Core Size iplion Quartz erenite, quartz weck	Tests at Corr. Dip True Brg. % Recov.	Hor, Comp. Veri. Comp. Logged by Date Logs: light grey; fin	e e e e e e e e e e e e e e e e e e e		8	Elev.
Property Sullivan Commenced Completed Co-ordinates Objective Foolage To To	District Mester Location Core Size iption Quartz arenite, quartz week to very fine grained; t	Tests at Corr. Dip True Brg. % Recov. te with wacke/aubwacke/argill. thick bedded; bed contacts	Hor, Comp. Veri Comp. Logged by Date Lite tops; light grey; fin	Ani		8	Elev
Property Sullivan Commenced Completed Co-ordinates Objective Footage Description to	District Mester Location Cota Size iplion Quartz erenite, quartz wack to very fine grained; the grained; the grained of the	Tests at Corr. Dip True Brg. % Recov. te with wacke/aubwacke/argill. thick bedded; bed contacts. p up cleats or shreds in u limy). Small crush (some go	Her, Comp. Veri. Comp. Logged by Date Let tops; light grey; fin sharp and flat to wavy; bed oper parts, typically Bous	And		8	Elev.
Property Sullivan Commenced Completed Co-ordinates Objective Footage Description to	District Mester Location Core Size iplion Quartz erenite, quartz wack to very fine grained; to save graded, several have ri A-D turbidites (nome are to core: 44° 9 3838', 40°	Tests at Corr. Dip True Brg. % Recov. te with wacke/subwacke/argill thick bedded; bed contacts p up clasts or shreds in u limy). Small crush (some got @ 3862'.	Her. Comp. Verl. Comp. Longed by Date Let tops: light grey; fin sharp and flet to wavy; bed oper parts, typically Bous ige) rone at 3835'. Beddin	And And And And And And And And And And		8	Elev.
Property Sullivan Commenced Completed Co-ordinates Objective Footage Description to	District Mester Location Cote Size iption Quartz erenite, quartz week to very fine grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained grained; the grained grained; the grained grained; the grained grained; the grained grained grained; the grained grained grained; the grained grain	Tests at Corr. Dip True Brg. % Recov. The with wacke/aubwacke/argill. Thick bedded; bed contacts pup clasts or shreds in upling). Small crush (some going 3862'. The with less than 10% questions.	Her, Comp. Vert. Comp. Logged by Date Logged by Logged by Date Logged by Logged by Date Logged by Log	Ani		8	Ellev.
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Property Sullivan Commenced Completed Co-ordinates Objective Foolage Description Te 2828.0 - 3874.0	District Mester Location Core Size Core Size Guartz arenite, quartz wack to very fine grained; tare graded, several have ri A-D turbidites (none are to core: 44° \$ 3838', 40° Wacke, subwacke and argilli about 25% quartz wacke and thin and some thick beds, and generally flat or atz featureless, a few claster thin beds are present belwith a pale brownish colour grey quartz wacke (probablinterval has a variable but 3874 ~ 3851' are many shr	Tests at Corr. Dip True Brg. % Recov. The with wacke/subwacke/argill. Thick bedded; bed contacts. Pup clasts or shreds in using the second of the second	Hor, Comp. Vent. Comp. Logged by Date Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Loggen parts, typically Boum Loggen parts, typ	ded t		8	Eller.
Property Sullivan Commenced Completed Co-ordinates Objective Foolage Description Te 2828.0 - 3874.0	District Mester Location Cote Size Cote Size Cote Size Guartz erenite, quartz wack to very fine grained; tare graded, several have ri A-D turbidites (none are to core: 44° 9 3838', 40° Wacke, subwacke and argilli about 25% quartz wacke and generally flat or strestureless, a few claster thin bede are present belwith a pale brownish colour grey quartz wacke (probabli interval has a variable but 3874 ~ 3891' are sany shr 3891 ~ 3916 within this	Tests at Corr. Dip True Brg. % Recov. The with wacke/subwacke/argill thick bedded; bed contacts pup clasts or shreds in used to the second of the second	Her. Comp. Veri. Comp. Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Logged b	And And And And And And And And And And		8	Elev
Property Sullivan Commenced Completed Co-ordinates Objective Foolage Description Te 2828.0 - 3874.0	District Wester Location Cota Size Cota Size Guartz erenite, quartz wack to very fine grained; tare graded, several have rith A-D turbidites (none are to core: 44° \$ 3838', 40° Wacke, subwacke and argillity about 25% quartz wacke and generally flat or strength featureless, a few clasts in this bade are present belief the pale brownish colour grey quartz wacke (probably interval has a variable but 3874 ~ 3891' are sany shreep 1936 within this cohesive. Early fracture	Tests at Corr. Dip True Brg. % Recov. The with wacke/aubwacke/argill. Thick bedded; bed contacts pup clasts or shreds in use of the street of the shreds in use of the shreds in use of the shreds in use of the shreds in use of the shreds in use of the shreds in use of the shreds in use of the shreds in the shreds in the shreds in the shreds in the shreds in the shreds in the shreds in the shreds are shreds are not well the shreds are not shreds a	Her, Comp. Ven. Comp. Logged by Date Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Loggen and Just to wavy; bed per parts, typically Bouse age; bedding with some contacts above 3995' on edium grey; medium with some contacts abort to distinct a flame structures and abreddings afflewe structures and abreddings afflewe and wisps of light listed grey and wisps of light listed grey and wisps of light listed grey and wisps of light listed grey and contacts and wisps of light listed grey and logged lower with a follows: and abundant cleavage chlor of intense strain that or developed however there are things. At several point	ded t		8	Elev
Property Sullivan Commenced Completed Co-ordinates Objective Foolage Description Te 2828.0 - 3874.0	District Wester Location Cote Size Cote Size Cote Size Guartz erenite, quartz weck to very fine grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained; the grained grain	Tests at Corr. Dip True Brg. % Recov. The with wacke/subwacke/argill. Thick bedded; bed contacts. Thick bedded; bed contacts. Thick bedded; bed contacts. Thick bedded; bed contacts. Thick bedded; bed contacts. Thick bedded; bed contacts. Thick bedded; bed contacts. Thick bedded; bed contacts. Thick bedded; bed contacts. Thick bedded; bed contacts. Thick bedded; bed contacts. Thick bedded intervals. Thick be	Her. Comp. Veri. Comp. Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Date Logged by Log	And And And And And And And And And And		8	Elev.
Property Sullivan Commenced Completed Co-ordinates Objective Foolage Description Te 2828.0 - 3874.0	District Wester Location Core Size Core Size Guartz arenite, quartz wack to very fine grained; tare graded, several have ri A-D turbidites (none are to core: 44° \$ 3838', 40° Wacke, subwacke and argillit about 25% quartz wacke and thin and asse thick beds, and generally flat or atz featureless, a few claster thin beds are present belwith a pale brownish colour grey quartz wacke (probablinterval has a variable but 3874 - 3891' are many shr 3891 - 3916 within this cohesive. many fracture rock appears ment is from 24° - 42° to bedding in terms.	Tests at Corr. Dip True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. # Recov. True Brg. # Recov. # R	Her. Comp. Veri. Comp. Logged by Date Logged by Date Loged by Date Loged by Date Loged by Date Loged by Date Loged by Date Loged by Date Loged by Date Loged by Date Loged by Date Loged by Loger parts, typically Boum Loger parts, typically Loger p	And And And And And And And And And And		8	Elev.
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Property Sullivan Commenced Completed Co-ordinates Objective Coolage Description 16 3828.0 - 3874.0	District Mester Location Cote Size Cote Size Guartz evenite, quartz week to very fine grained; the grained; the grained; the grained; the grained; the graded, several have rise to core: 44° \$ 3838', 40° Wacke, aubwacke and argillication and generally flat or strength featureless, a few clasts of this bade, and generally flat or strength featureless, a few clasts of this bade are present believed and generally flat or strength as a veriable but with a pale brownish colour grey quartz wacke (probablinterval has a variable but 3874 - 3891' are many shr 3891 - 3916 within this cohesive. Many fracture rock appears ment is from 24° - 42° or 42°	Tests at Corr. Dip True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. % Recov. True Brg. # Recov. True Brg. # Recov. # R	Her, Comp. Vert. Comp. Logged by Date The tops: light grey; fine sharp and flat to wavy; bed oper parts, typically Bousings) wone at 3835'. Bedding the work of the sharp to distinct the sharp the sharp to distinct the sharp to distinct the sharp to distinct the sharp to distinct the sharp to distinct the sharp that could be sharp to the sharp the sharp that could be sharp the sha	ded to the state of the state o		8	Elev

A	Olstrict	Western	Hole No. DDH6464					.
Commenced	Location		Tests at	Hor. Comp.				
Completed	Core Size		Cort. Dip	Vert. Comp.	·			diO
Co-ordinates			True Brg.	Logged by				ē
Objective			% Recov.	Date	·		erg.	Collar
- <u>-</u>						Analy		<u></u> 1
Footage Desc From Te	ription		<u> </u>				,	
3874.0 - 4080.0 (Gont'd.)	37º/0º (N.A.) @ 3877 (opposite) @ 3922.1. ere all in same di 3938', 14º @ 3950', bedding), 03º @ 398	7', 37° @ 3903 . 25°/40° (op irection), 20° 05° @ 3965', 10', 08° @ 3	ge relative to bedding) 1, 04° \$ 3920', 15°/47° posite) \$ 3922.2' (in 1/0° \$ 3927', 02° to (at 3975' is a small fo 1990', 00°/60° (N.A.) \$ 40° \$ 4047', 45° \$ 4066	(opposite) # 3922' these last 3 bedd 120/000 to 160 (opp ld consistent with 4006', 180 # 4015	, 650/400 ing dips osite) 9 overturned			
4080.0 - 4456.0	segreg- ation or ver gabbro. Then is ver selvage that is likedium grained to 41 and medium grained verns noted, one at Largest quartz ver	in, 15 cm of a y uniform gab tely a confor 10', coarse to 4456'. Ba 4115' is yell ins are from 193' (is white	e of about 40 cm than ediment, and 15 cm of intro, at first it is fin mable contact (419), grained to 4205', sed sal contact is sharp at owish (ankerite * quart; 4254 - 4257' (is greated contains 30% and there.	rregular patches of e grained with a bi- Fine grained to 40 ium grained to 432: 37°. Several smal z) has a sheared ap y and contains chlo	chilled otititic 90' then 0', fine 1 quartz pearance. rite and			
4456.0 - 4494.0	to dark grey; medium priginally quartz	and thin bed wacke, often	usually hard because of ded; bed contacts sharp internally laminated, ng to core 50° € 4451'.	and flat; beds some cross laminations	e probably noted in			
4494.0 - 4510.5	contacts distinct that 4507 - 4508' congoing and sheared f	o vague, some	its; medium to light :flat (not all meen as ed (not broken) above :60° to core over 5 cm	core is moderately a small crush zon	broken). e (5 ss			
i	with slip surfaces.							\vdash
						•	-	-

Drill Hole Reco		Hote No. DDH6464	Cominco Page 21				
Commenced	Location	Tests at	Hor. Comp.		1	}	1
Completed	Core Size	Corr. Dip	Vert. Comp.		1	Ì	
Co-ordinales		True Brg.	Logged by		ļ	å	
Objective		% Recov.	Date	<u>E</u>	à	Coltar	<u> </u>
Footage Desc	ription				alysi		<u></u>
	to vague and flat; below 451 tions. Several bed contacts dipping in opposite sense, to	have chloritic alickenside	surfaces. Bedding/cleavage	-		-	
4523.5 - 4546.0	Quartz wacks, some bads p light grey; thick badded wit argillite above 4531'; bed from 4526-27' is coerse grein bads have vague internal vague crosscutting bleached i 4 4595'. Several bed conta developed slickenside surface	th some medium and thin be contacte usually sharp end led, some are medium and so features mainly contacts (rectures are common. Black sots, especially in more an	eds to wacke, subwacke and d flat, some wavy; one bed out are fine grained; most that indicate amalgamation, k argillite clast 0.5 X 2cm rgillaceous zones, have well	6'.			
4523.5 - 4546.0 4546.0 - 4556.5	light grey; thick bedded with argillite above 4531'; bed from 4526-27' is course grein beds have vague internal vague crosscutting bleached fe 4535'. Several bed contacted eveloped slickenside surface	th some medium and thin be contects usually shorp entitled, some are medium and so features mainly contacts fractures are common. Blackscts, especially in more and a medium to dark grey; medium to dark grey; medium to dark grey; medium to and flat (one way);	eds to wacke, subwacke and d flat, some wavy; one had out are fine grained; most that indicate amalgamation, k argillite clast 0.5 X 2cm rgillaceous zones, have well 4327', 66° \$ 4535', 61° \$ 456' ium, thin bedded and leminate in upper 2 feet beds have	1			
	light grey; thick bedded with argillite above 4531'; bed from 4526-27' is coarse grain beds have vagus internal vague crosscutting bleached fe 4535'. Several bed conta developed slickenside surface Wacke, subwacke and argillite bed contacts sherp to distince according to the contacts of the coarse, 60° 8 4549', 60° 8 4556'.	th some medium and thin be contects usually sharp end ned, some are medium and so features sainly contacts fractures are common. Blacksocts, especially in more area. Bedding to core 73° \$ 40°; medium to dark grey; medium to dark grey; medium to flet (one wavy); meveral of the beds are note; medium to light grey; and wavy; beds homogenous	eds to wacke, subwacke and d flat, some wavy; one bad oft are fine grained; most that indicate amalgamation, k argillite clast 0.5 X 2cm rgillaceous zones, have well 4527', 66° 8 4535', 61° 8 456' ium, thin bedded and leminate in upper 2 feet beds have graded. Bedding to core fine grained; thick bedded; s with graded tops. Well	1			
4546.0 - 4556.5	light grey; thick bedded with argillite above 4531'; bed from 4526-27' is coerse grein beds have vagus internal vague crosscutting bleached fe 4535'. Several bed contacted and argillite bed contacts sharp to distinct several small lithic clasts, 60° 2 4549', 60° 2 4556'. Quertz wacke and quartz area bed contacts distinct, flet a developed slickensides on severe	th some medium and thin be contects usually sharp entitled, some are medium and moded, some are medium and moded are mainly contacts frectures are common. Blacksock, especially in more area. Bedding to core 73° 8 6 or medium to dark grey; medium to dark grey; medium to and flat (one wavy); several of the beds are not make, medium to light grey; and wavy; beds homogenous waral broken fregments at 40 lite; medium grey; medium to beds are graded, three if fine dregillite and these	eds to wacke, subwacke and d flat, some wavy; one bad oft are fine grained; most that indicate amalgamation, k argillite clast 0.5 X 2cm rgillaceous zones, have well 4327', 66° 8 4335', 61° 8 45° ium, thin bedded and leminate in upper 2 feet beds have graded. Bedding to core fine grained; thick bedded; s with graded tops. Well 564'. m bedded, few thin beds; bed have black argillite clasts	1			

Drill Hole Rec		Hole No. DDH6464	Comingo Page 22				
		Hole No. DDH6464	Hor. Comp.	1	ļ		ĺ
Commenced	Location			_			ł
Completed	Core Size	Corr. Dip	Vert. Comp.			٩	ļ
Co-ordinates		True Brg.	Logged by	{_	1	0	ĺ
Objective		% Recov.	Date	E	T Brg.	çolla.	
	cription			Anal	ysis	1	-
rom To	the transfer and and the		hadded with 2 and inches	[- 		1	
4580.0 - 4586.0	bed contacts where and flat; gr	reded, weak cross-lasing	tions noted at top of one				1
	bed, top half of one medium to wacke matrix. Badding/cleavage,					. j .	ļ
4586.0 - 4599.0	Quartz grenite, quartz wacke wit grey; thick bedded; bed contacts One 10 cm cream coloured calcar	s distinct to diffuse and		-		-	1
4599.0 ~ 4607.0		nt grey; thin (2 medium) hin bedded; contacts sho	rp and flat to wavy. flames				-
	Badding/cleavage, opposite sense	, to bedding: 620/650 \$	4605'.		╁	1	t
4607.0 - 4618.0	Quartz erenite, graded through	quartz wacke to orgill	ite; medium grey; thick to				1
	medium bedded; bed contacts shat tops have shredded character.	rp and list to wavy; Grad	eq, some subwacke/argillite		1		Ī
4510 0 = 4550 0	•	at medius to dark or-v	thin bedded to lawinsted:				I
4618.0 - 4622.0	bed contacts sharp and flat a	with short intervals s	hredded. Bedding/cleavage,		-	ļ	1
	in opposite sense, to core: 60°			ļ. <u>.</u>	-	Ì	1
4622.0 - 4634.0	Quartz wacke, some quartz aren: medium grey: thick and medium bo	ite, some wacke, all grad	e to subwacke or argillite;	 	-	-	+
	contacts sharp and flat to	wavy; tops of some beds	have shredded apprearance;		-		+
	bedding/cleavage, in opposite se]	†-	-	1
4634.0 - 4660.5	Wacke, subwacke and argillite to medium grey, medium and this	with 3 calcareous quartz	wacke beds 4652 - 4656'; one; bed contacts sharp and		-	-	1
	flat to wavy; bads are graded,	have distinct	light gray argillite tops.	}			+
		several made gracings		+	Į	1	Į
		several nave distinct	AA	-		!	1
Orill Hole Reco		Several lives distinct	Comingo Page 23	-			
Orill Hole Reco	ord	Hole No. DDH6464	Comingo Page 23				
C	ord		Gaminon Page 23 Hor. Comp.	-			
Property Sulliva	ord n District Western	Hole No. DDH6464	Comingo Page 23				
Property Sulliva	ord n <u>District Western</u> Location	Hole No. DDH6464 Yests at	Gaminon Page 23 Hor. Comp.			1 Dip	
Property Sulliva Commenced Completed	ord n <u>District Western</u> Location	Hole No. DBH6464 Yests at Corr. Dlp	Baminan Page 23 Hor. Comp. Vert. Comp.	Yeim	Brg.	Sollar Dip	
Property Sulliva Commenced Completed Co-ordinates Objective	ord n District Western Location Core Size	Hole No. DBH6464 Tests at Corr. Dlp True Brg.	Geminen Page 23 Hor. Comp. Vert. Comp. Logged by	E E	T Brg.	1	
Property Sulliva Commenced Completed Co-ordinates Objective	n District Western Location Core Sixe	Hole No. DDH6464 Tests at Corr. Dlp True Brg. % Recov.	Hor. Comp. Vert. Comp. Logged by Date	ō	T Brg.	Collar Dip	
Property Sulliva Commenced Completed Co-ordinates Objective Descripe Descripe	ord District Western Location Core Size	Hole No. DDH6464 Yests at Corr. Dlp True Brg. % Recov. disaggregated, shredded Bouss B lessneted, one h	Her. Comp. Vert. Comp. Logged by Date Appearance. The calcareous appearance or cross-laminations.	Anal	T Brg.	Collar Dip	
Property Sulliva Commenced Completed Co-ordinates Objective Location To Description To 4534.0 - 4560.5	District Western Location Core Sixe riplion top portions of a few beds have quartz wacks beds are prisarily Bedding/cleavage, in opposite so	Hole No. DDH6464 Yests at Corr. Dlp True Brg. % Recov. disaggregated, shredded Bousa B laminated, one hence, to core: 670/400 g	Hor. Comp. Verl. Comp. Logged by Date Appearance. The calcareous appearance. The calcareous 4640', 730/380 # 4650'. Contact 45' however because	Anal	T Brg.	Collar Dip	
Property Sulliva Commenced Completed Co-ordinates Objective Descripe Descripe 4634.0 - 4660.5 (Cont'd.)	District Western Location Core Size ription top portions of a few beds have quartz wacks beds are primarily Bedding/cleavage, in opposite structure of shift in bedding (see below) are often rounded to subangu	Hole No. DDH6464 Tests at Corr. Dip True Brg. % Recov. disoggregated, shredded Bouna B laminated, one h ense, to core: 670/400 g upper contact 550, lower it could be either a si	Her. Comp. Vert. Comp. Logged by Date appearance. The calcareous as Bousa C cross-laminations. 4640', 730/380 # 4650'. contact 45' however because il or dike. Porphroblests y 5% of rock, except in one	Anal	T Brg.	Collar Dip	
Property Sulliva Commenced Completed Co-ordinates Objective Descripe Descripe 4634.0 - 4660.5 (Cont'd.)	District Western Location Core Sixe ription top portions of a few beds have quartz wacks beds are primarily Bedding/cleavage, in opposite so of shift in bedding (see below) are often rounded to subangulance cluster about 10 cm long.	Hole No. DBH6464 Yests at Corr. Dlp True Brg. % Recov. disaggregated, shredded Bouna B laminated, one hence, to core: 670/40° g upper contact 55°, lower it could be either a si ular and constitute onl Groundmas appears finel	Hor. Comp. Vert. Comp. Logged by Date Appearance. The calcareous as Bouse C cross-laminations. 4640', 730/380 # 4650'. contact 45' however because 11 or dike. Porphroblests y 5% of rock, except in one y chloritic.	Anal	T Brg.	Collar Dep	
Property Sulliva Commenced Completed Co-ordinates Objective Descripe Descripe 4634.0 - 4660.5 (Cont'd.)	District Western Location Core Size top portions of a few beds have quartz wacks beds are primarily Bedding/cleavage, in opposite see Porphyritic diabase intrusion, of shift in bedding (see below) are often rounded to subanguense cluster about 10 cm long.	Hole No. DDH6464 Tests at Corr. Dlp True Brg. % Recov. disoggregated, shredded Bouna B laminated, one hence, to core: 670/400 g upper contact 550, lower it could be either a si ular and constitute onl Groundmas appears finel	Her. Comp. Vert. Comp. Logged by Date sppwarence. The calcareous as Bouse C cross-laminations. 4640', 730/380 # 4650'. contact 45' however because il or dike. Porphroblests by 5x of rock, except in one y chloritic.	Anal	T Brg.	Collar Dip	
Property Sulliva Commenced Completed Co-ordinates Objective Column To Descript To Control 4634.0 - 4660.5 (Control)	District Western Location Core Size Tiplion top portions of a few beds have quartz wacks beds are primarily Bedding/cleavage, in opposite at Porphyritic diabase intrusion, of shift in bedding (see below) are often rounded to subangulanse cluster about 10 cm long. Quartz wacks and wacks, possibly a calcareous quartz arenite; to distinct and filst one two for distinct and filst one two	Hole No. DBH6464 Tests at Corr. Dlp True Brg. Recov. disaggregated, shredded Bouma B laminated, one hence, to core: 670/400 e upper contact 550, lower it could be either a si- ular and constitute onl Groundmes appears finel y some bads quartz arer light grey, thick be- oot thick bed is a lithic	Hor. Comp. Verl. Comp. Verl. Comp. Logged by Date appearance. The calcareous as Bouss C cross-laminations. 4640', 730/380 # 4650'. contact 45' however because ill or dike. Porphroblests y 5% of rock, except in one y chloritic. itte, the basal 1 meter is ided; bed contacts are sharp wacke containing abundant	Anal	T Brg.	Collar Dip	
Property Sulliva Commenced Completed Co-ordinates Objective Column To Descript To Control 4634.0 - 4660.5 (Control)	District Western Location Core Size ription top portions of a few beds have quartz wacks beds are prisarily Bedding/cleavage, in opposite so Porphyritic diabase intrusion, of shift in bedding (see below) are often rounded to subangidense cluster about 10 cm long. Quartz wacks and wacks, possibly a calcareous quartz arenite; to distinct and flat; one two financial 1 - 3 as elongate cluster are lessibled. One quartz wacks	Hole No. DBH6464 Tests at Cost. Dlp True Brg. % Recov. disoggregated, shredded Bouns B laminated, one hense, to core: 670/40° 8 upper contact 550, lower it could be either a si ular and constitute onl Groundmas appears finel y some bads quartz arer light grey, thick bed oot thick bed is a lithic and one large clast. Por is a Bouns B turbic	Hor. Comp. Vert. Comp. Vert. Comp. Logged by Date appearance. The calcareous as Bousa C cross-laminations. 4640', 730/380 # 4650'. contact 45' however because 11 or dike. Porphroblests y 5% of rock, except in one y chloritic. hite, the basal 1 meter is ided; bed contacts are sharp wacke containing abundant tions of the wacke, subwacke lite. Bedding/cleavage, in	Anal	T Brg.	Collar Dip	>4;d
Property Sulliva Commenced Completed Co-ordinates Objective Column To Descript To Control 4634.0 - 4660.5 (Control)	District Western Location Core Size Toplion top portions of a few beds have quartz wacks beds are prisarily Bedding/cleavage, in opposite so Porphyritic diabase intrusion, of shift in bedding (see below) are often rounded to subangulanse cluster about 10 cm long. Quartz wacks and wacks, possible a calcareous quartz arenite; to distinct and flat; one two fixed 11 - 3 am elongate claste are laminited. One quartz wacks opposite sense, to core: 220/23	Hole No. DBH6464 Tests at Corr. Dlp True Brg. Recov. disaggregated, shredded Bousa B leminated, one hence, to core: 670/400 g upper contact 550, lower it could be either a sivilar and constitute onl Groundmas appears finel by some beds quartz aren light grey, thick bed oot thick bed is a lithic and one large clast. Por is a Bousa B turbid g 4667/, 590/710 g 4673	Hor. Comp. Verl. Comp. Verl. Comp. Logged by Date appearance. The calcareous as Bouss C cross-laminations. 4640', 730/380 # 4650'. contact 45' however because ill or dike. Porphroblests y 5% of rock, except in one y chloritic. Alter the basal 1 meter is ided; bed contacts are sharp to wacke containing abundant tions of the wacke, subwacke lite. Bedding/cleavage, in by, 700 # 4678'.	Anal	T Brg.	Collar Dip	
Property Sulliva Commenced Completed Co-ordinates Objective Descripe	District Western Location Core Size Top portions of a few beds have quartz wacks beds are primarily Bedding/cleavage, in opposite at Porphyritic diabase intrusion, of shift in bedding (see below) are often rounded to subanguare cluster about 10 cm long. Quartz wacks and wacks, possibly a calcareous quartz arenite; to distinct and flat; one two fixall 1 - 3 am elongate clasts are laminited. One quartz wacks opposite sense, to core: 220/230 Wacke, subwacks and argillite; sharp and flat; one zone of argillite; sharp and flat; one zone of argillite;	Hole No. DBH6464 Tests at Corr. Dlp True Brg. % Recov. disoggregated, shredded Bousa B laminated, one hence, to core: 670/400 g upper contact 550, lower it could be either a si ular and constitute end foroundses appears finel y some beds quartz aren light grey, thick bed oot thick bed is a lithic and one large clast. Por e is a Bousa B turbic o m 4667', 590/710 # 4675 medium grey; thin bedded illite rip-up clasts.	Hor. Comp. Vert. Comp. Vert. Comp. Logged by Date appwarance. The calcareous les Bouss C cross-laminations. 4640', 730'380 # 4650'. contact 45' however because 11 or dike. Porphroblests 19 5% of rock, except in one 19 or horitic. site, the basal 1 meter is lided; bed contacts are sharp 10 wacke containing abundant 11 tons of the wacke, subwacke 11 Bedding/cleavage, in 10', 700 # 4678'. and laminated; bed contacts	Anal	T Brg.	Collar Dip	
Property Sulliva Commenced Completed Co-ordinates Objective Descripe	District Western Location Core Size Topion top portions of a few beds have quartz wacks beds are primarily Bedding/cleavage, in opposite so Porphyritic diabase intrusion, of shift in bedding (see below) are often rounded to subangulance cluster about 10 cm long. Quartz wacks and wacks, possibly a calcaredus quartz arenite; to distinct and flat; one two fixed 11 - 3 am elongate clasts are laminited. One quartz wacks topposite sense, to core: 22°/23' Wacks, subwacks and argillite; sharp and flat; one zone of arg	Hole No. DBH6464 Tests at Corr. Dlp True Brg. Recov. disaggregated, shredded Bousa B lemineted, one hence, to core: 670/400 e upper contact 550, lower it could be either a sivilar and constitute onl Groundmas appears finel y some beds quartz arer light grey, thick bed oot thick bed is a lithic and one large clast. Por e is a Bousa B turbic of a 4667', 590/710 # 4675 medium grey; thin bedded illite rip-up clasts. and medium graineds th	Hor. Comp. Verl. Comp. Verl. Comp. Logged by Date appearance. The calcareous les Bouse C cross-laminations. 4640', 730'380 # 4650'. contact 45' however because il or dike. Porphroblests y 5x of rock, except in one y chloritic. Alte, the basal 1 meter is ledely bed contacts are sharp than wacke containing abundant tions of the wacke, subwacke lite. Bedding/cleavage, in 3', 700 # 4678'. and laminated; bed contacts sick and very thick bedded;	Anal	T Brg.	Collar Dip	
Property Sulliva Commenced Completed Co-ordinates Objective Descript 4534.0 - 4660.5 4660.5 - 4664.5 4664.5 - 4684.0	District Western Location Core Size ription top portions of a few beds have quartz wacks beds are primarily Bedding/cleavage, in opposite set of shift in bedding (see below) are often rounded to subangues of the rounded to subangues cluster about 10 cm long. Quartz wacks and wacks, possibly a calcareous quartz arenite; to distinct and flat; one two fix all 1 - 3 as elongate clasts are laminited. One quartz wacks to possibly a calcareous quartz arenite; to distinct and flat; one two fix all 1 - 3 as elongate clasts are laminited. One quartz wacks to possibly a calcareous quartz arenite; to distinct and flat; one zone of arguments and flat; one zone of arguments and flat; one zone of arguments and flat; one zone of arguments and flat; one zone of arguments are light grey; fine bad contacts distinct to valout 2 cm of gouge and platy as	Hole No. DBH6464 Tests at Cost. Dlp True Brg. % Recov. disoggregated, shredded Bouss B lasineted, one bense, to core: 670/400 g upper contact 550, lower it could be either a si ular and constitute onl Groundmas appears finel y some bads quartz arer light grey, thick bed oot thick bed is a lithic and one large clast. Por eia a Bouss B turbic and one large clast. Por eis a Bouss B turbic and grey; thin bedded illite rip-up clasts. and sedium grained; th gue and flet, probable rgillite at 4695°. At 46	Hor. Comp. Vert. Comp. Vert. Comp. Logged by Date Appearance. The calcareous as Bouse C cross-laminations. 4640', 730'380 # 4650'. contact 45' however because all or dike. Porphroblests y 5% of rock, except in one y chloritic. Aite, the bosal 1 meter is aded; bed contacts are sharp is wacke containing abundant tions of the wacke, subwacke lite. Bedding/cleavage, in i', 700 # 4678'. and laminated; bed contacts Aick and very thick bedded; is amalgonation of some beds.	Anal	T Brg.	Collar Dip	
Property Sulliva Commenced Completed Co-ordinates Objective Descript 4534.0 - 4660.5 4660.5 - 4664.5 4664.5 - 4684.0	District Western Location Core Sixe Topinion top portions of a few beds have quartz wacks beds are primarily Bedding/cleavage, in opposite so Porphyritic diabase intrusion, of shift in bedding (see below) are often rounded to subangulanse cluster about 10 cm long. Quartz wacks and wacks, possibly a calcareous quartz arenite; to distinct and flat; one two fixall 1 - 3 am elongate clasts are laminited. One quartz wacks opposite sense, to core: 220/23 Wacks, subwacks and argillite; sharp and flat; one zone of arguartz wacks; light gray; fine bed contacts distinct to various Z cm of gouge and platy a are numerous calcareous prismat	Hole No. DBH6464 Yests at Corr. Dlp True Brg. % Recov. disaggregated, shredded Bousa B leminated, one hence, to core: 670/400 g upper contact 550, lower it could be either a si ular and constitute onl Groundmas appears finel y some bads quartz area light grey, thick bed oot thick bed is a lithic and one large clast. Por e is a Bousa B turbid 0 m 4667', 590/710 m 4673 medium grey; thin bedded illite rip-up clasts. and medium grained; th gue and flat, probable rgillite at 4695'. At 46 ic laths.	Her. Comp. Verl. Comp. Verl. Comp. Logged by Dale appearance. The calcareous les Bouse C cross-laminations. 4640', 730'380 # 4650'. contact 45' however because ll or dike. Porphroblests y 5% of rock, except in one y chloritic. Lite, the bosal l meter is lided; bed contacts are sharp wacke containing abundant tions of the wacke, subvacke lite. Bedding/cleavage, in y, 700 # 4678'. and laminated; bed contacts lick and very thick bedded; c amalgomation of some beds. Sick and very thick bedded; c amalgomation of some beds.	Anal	T Brg.	Collar Dep	
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Property Sullivan	District Kestern	Hote No. DDH6464	Hor, Comp.		'	ĺ		١
Commenced	Location	Tests at	Vert. Comp.		┪	ļ	Ì	
Completed	Core Size	Corr. Dip			┪	1	ءِ	l
Co-ordinates		True Brg.	Logged by	• • • • • • • • • • • • • • • • • • • •	┥╸	ø	ļa la	ļ
Objective		% Recov.	Date		Claim Claim	T Brg.	Collar Dip	201
Descr	ption				Anai	ysis_	τ-	ı
rom <u>To</u>	Quartz arenite and quartz was	ket mortions of which he	ave very fine calc	the grains	\ 	Ī.	Ţ	Ţ
4/25.0 - 4/40.0	weakly disseminated; light grey,	; thick to very thick	bedded; bed conta	ncts vague		ļ	.	4-
	(some analgameted). From 47: at least 4 cm of incoheisve go							- -
	a 2 cm wide breccia with 40%	chlorite matrix is pres	ent across half of	the core,	1_	Ļ.	J	_ -
	terminating against a vertical : at 4736'. There is no core los			so present	\vdash	├	+-	+
4740.0 - 4749.0	Wacke, subwacke and ergillite;				\vdash	 	╁╴	+
	beds at base; bed contacts shar to bedding, to core 640/450 0 4	p and flat; bedding/clea: 743' Seall cyush yone :	vage (?), in oppo: and onuse at 4743':	isto sense : slickensides		\vdash	† 	Ť
	developed on easy bedding surface		and googs to the				T	†
4749.0 - 4757.0	Quartz arenite with relatively	thin tops graded to a	rgillite; several	very thin				Ţ
	beds in intervels up to 15 c bedded; bed contacts sharp and :	m thick; fine grained; m flat to wayy: some cro	eqium grey; thick : se leminations in	end medium the wavy	 _	<u> </u>	1_	1
	thin beds; black rip-up clast 0	.5 X 4 cm et bed top.			<u> </u>	_	1	4
4757.0 - 4792.0	Wacke, with lesser subwacks,	ergillite end quertzition	c wackes sedius gr	ey; medium	1_	╙	1	1
2,0,10 - 4,12,0	hedded with several thin beds	and a few thick beds;	bed contacts are	sharp and	<u> </u>	1		-
	flat, rurely slightly wavy; a interval some have cross lamina	tions, one dark 0.5 X 3	ca clasts noted	at 4790';	ļ	₽.	 	-
	numerous bed contacts have al sense to bedding, to core: 720	ickensided surfaces. B	edding/cleavage, i	n opposite	\vdash	\vdash	-	4
	be a second cleavage developed	in the more argillaceous	beds below 4777'.	appears to	<u> </u>	ļ	┿	4
4700 0 - 4847 0	Quartz wacke, a few beds in	upper mart of interval	possibly are quart	z arenite,in	-	 		-
4792.0 - 4847.0	about 40% of interval bed bases	are wacke, all beds gra-	de to subwacke or :	argillit e.	ļ	╄		
					t t	1		
	thin bedded to leminated are 4830.0's medium provi thick and	gillaceous intervals 4	812.5 - 4814.0° an	d 4827.0 -	_	-	╁	4
	4830.0'; medium grey; thick and and flat (sout), one flame no	gillaceous intervals 4 medium bedded; bed cont ted. some are irregula	812.5 - 4814.0° and acts sharp, a few : r and shredded 481	d 4827.0 - gradational, 2 - 4815'; -		-	+	_
	4830.0's medium greys thick and	gillaceous intervals 4 medium bedded; bed cont ted. some are irregula	812.5 - 4814.0° and acts sharp, a few : r and shredded 481	d 4827.0 - gradational, 2 - 4815'; -			<u> </u>	
	4830.0'; medium grey; thick and and flat (sout), one flame no	gillaceous intervals 4 medium bedded; bed cont ted. some are irregula	812.5 - 4814.0° and acts sharp, a few : r and shredded 481	d 4827.0 - gradational, 2 - 4815'; -			<u>+</u>	
Drill Hole Reco	4830.0'; medium grey; thick end and flat (sout), one flame no two dark grey rip-up clasts not	gillaceous intervels 4 madium bedded; bed cont ted, mommare irregula ad. Slickensides presen	812.5 - 4814.0° and acts sharp, a few : r and shredded 481	d 4827.0 - gradational, 2 - 4815'; - aces.				
	4830.0'; medium grey; thick end and flat (acat), one flame no two dork grey rip-up clasts not	gillaceous intervals 4 medium bedded; bed cont ted. some are irregula	812.5 - 4814.0' an acts sharp, a fewer and shredded 481 ton some bed surf	d 4827.0 - gradational, 2 - 4815'; - aces. Page 25				
Drill Hole Reco	4830.0'; medium grey; thick end and flat (acat), one flame no two dork grey rip-up clasts not	gillaceous intervals 4 medius bedded; bed cont ted, some are irregula ed. Slickensides presen Hote No. DDH6464 Tests at	812.5 - 4814.0' an acts sharp, a fewer and shredded 481 ton some bed surf	d 4827.0 - gradational, 2 - 4815'; - aces. Page 25				
Drill Hole Reco	4830.0'; medium grey; thick end and flat (acet), one flame no two dork grey rip-up clasts not	gillaceous intervels 4 medium bedded; bed cont ted, some are irregula: ed. Slickensides presen Hole No. DDH6464 Tests at Corr. Dip	812.5 - 4614.0' an acts sharp, a few r and shredded 481 t on some bed surf	d 4827.0 - gradational, 2 - 4815'; - aces. Page 25			9	
Drill Hole Reco	4830.0'; medium grey; thick end and flat (acet), one flame no two dork grey rip-up clasts not TO District Western Location	gillaceous intervels 4 medium bedded; bed cont ted, some are irregula: ed. Slickensides presen Hote No. DDH6464 Tests at Corr. Dlp True Brg.	812.5 - 4614.0' an ects sharp, a few rend shredded 481 t on some bed surf	d 4827.0 - gradational, 2 - 4815'; - aces. Page 25		0.00	ar Dip	
Drill Hole Reco	4830.0'; medium grey; thick end and flat (acet), one flame no two dork grey rip-up clasts not TO District Western Location	gillaceous intervels 4 medium bedded; bed cont ted, some are irregula: ed. Slickensides presen Hole No. DDH6464 Tests at Corr. Dip	812.5 - 4614.0' an acts sharp, a few r and shredded 481 t on some bed surf	d 4827.0 - gradational, 2 - 4815'; - aces. Page 25	Claim	T Brg.	Collar Dip	
Drill Hole Reco Property Sulliva Commenced Completed Co-ordinates Objective Footage Description	4830.0'; medium grey; thick end and flat (acet), one flame no two dork grey rip-up clasts not TO District Western Location Core Size	gillaceous intervels 4 medium bedded; bed cont ted, some are irregula: ed. Slickensides presen Hote No. DDH6464 Tests at Corr. Dlp True Brg.	812.5 - 4614.0' an ects sharp, a few rend shredded 481 t on some bed surf	d 4827.0 - gradational, 2 - 4815'; - aces. Page 25	e se o		Collar Dip	
Drill Hole Reco	4830.0'; medium grey; thick end and flat (acet), one flame no two dork grey rip-up clasts not To District Nestern Location Core Size	gillaceous intervels 4 madium bedded; bed cont ted, some are irregula; ed. Slickensides presen Hote No. DDH6464 Tests at Corr. Dlp Trus Brg. % Recov.	Hor. Comp. Logged by Date	a calcite				
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Property Sulliva Commerced Completed Co-ordinates Objective Form 19 4792.0 - 4847.0	4830.0'; medium grey; thick end and flat (acat), one flame no two dork grey rip-up clasts not two dork grey rip-up clasts not two dork grey rip-up clasts not two dork grey rip-up clasts not two dork grey rip-up clasts not core size District Western tocation Core Size Core broken 4837 - 4839'. A vein with slickensides on a besense to bedding, to core: 7	gillaceous intervels 4 medium bedded; bed cont ted, some are irregula: ed. Slickensides presen Hote No. DDH6464 Tests at Corr. Dip Trus Brg. % Recov. ameli amount of gouge, d contact at 4839.5°. 8 50/570 8 4804'; 600/900	Hor. Comp. Logged by Date crush rock with edding/cleavese, i	d 4827.0 - gradational, 2 - 4815'; aces. Page 25				
Property Sulliva Commenced Completed Co-ordinates Objective From 19 4792.0 - 4847.0 (Cont'd.)	4830.0'; medium grey; thick end and flat (acat), one flame no two dork grey rip-up clasts not two dork grey rip-up clasts not not not not not not not not not not	gillaceous intervels 4 madium bedded; bed cont ted, some are irregula; ed. Slickensides presen Hole No. DDH6464 Tests at Corr. Dlp Trus Brg. % Recov. smell amount of gouge, d contact at 4839.5°, B 50/570 \$ 4804'; 500/900	ects sharp, a fewer and shredded 481 ton some bed surf Gamman Hor. Comp. Vert. Comp. Logged by Date crush rock with sidning/cleavage, 1, with 32 kink 6	e calcite n opposite o in same				
Property Sulliva Commerced Completed Co-ordinates Objective Form 19 4792.0 - 4847.0	4830.0'; medium grey; thick end and flat (acat), one flame no two dork grey rip-up clasts not two dork grey rip-up clasts not location District Western Location Core Size iption Core broken 4837 - 4839'. A vein with slickensides on a beanse to bedding, to core: 7 sense as bedding, 2 4828', 500 Wacke, subwacke end argillite; two thick quarts wacke beds 485	gillaceous intervels 4 medium bedded; bed cont ted, some are irregula ed. Slickensides presen Hole No. DDH6464 Tests at Corr. Dlp Trus Brg. % Recov. small amount of gouge, d contact at 4839.5°. B 50/570 8 4804'; 500/900 4844'. dark grey; medium and 3 - 4867'; bed contact	Hor. Comp. Vert. Comp. Logged by Date crush rock with edding/cleavage, i, with 32 kink 6 thin bedded and sharp to grada	aces. Page 25 Calcite n opposite in same leminated, tional and				
Property Sulliva Commenced Completed Co-ordinates Objective From 19 4792.0 - 4847.0 (Cont'd.)	d830.0'; medium grey; thick end and flat (acat), one flame no two dark grey rip-up clasts not two dark grey rip-up clasts not grey rip-up clasts not grey rip-up clasts not grey rip-up clasts not grey rip-up clasts not grey rip-up clasts not grey rip-up clasts not grey rip-up clasts not grey rip-up clasts not grey rip-up clasts not grey rip-up clasts not grey rip-up clasts not grey rip-up clasts not grey; rip-up	gillaceous intervels 4 madium bedded; bed cont ted, some are irregula; ed. Slickensides presen Hote No. DDH6464 Tests at Corr. Dlp Trus Brg. % Recov. small amount of gouge, d contact at 4839.5°. B 50/570 \$ 4804°; 600/900 #### 4864°; bed contact often quite faint and	ecs sharp, a fewer and shredded 481 ton some bed surf Commined Har. Comp. Verl. Comp. Logged by Date crush rock with edding/cleavage, i, with \$2 kink 6 thin bedded and s sharp to grada they are present to	e calcite n opposite in same leminated, tional and hroughtout				
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Property Sullivan	District	Western	Hole No. DDH6464		} }	ł	- 7
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Completed	Core Size	<u> </u>	Corr. Dip	Verl. Comp.			- 1
Co-ordinates			True Brg.	Logged by			į
Objective	·		% Recov.	Date	Claim Claim	T Brg.	Collar
<u></u>	 				- 5 Analy		<u>5</u>
Footage Descri	noite						
4903.0 - 4906.0	bed contacts are sharp	and flat; lam shear up to 8	inoted intervals are	laminated and thin bedded; up to 10 cm thick. Bedding have an s-c fabric and a		-	
4906.0 - 4931.0	medium and fine grain	ed; medium to regular; some	light grey; thick bed bases are rever	acke, subwacke and argillite bedded; contacts sharp to se graded over a few cm.	,		
4931.0 - 4943.0	laminated with medium	and thick beds	over 50% of inte	ium grey; thin bedded and rval; bed contacts sherp			
		disaggragated	clasts in the upper	2'. Kost beds are graded: portion of the bed, one 933'.		-	
4943.0 - 4968.0	arenite bases; fine grand thick beds; bed graded, some internal	sined; medium contacts sharp contacts in t	to light grey; thick to gradational and f ops are shredded to	ops, some beds have quartz bedded with a few medium lat to wavy, flames noted; convoluted. Slickensides opposite) to core: 500/060			
4968.0 - 4978.0	interval of wacks as	nd quertzitic sharp and fla	wacke in medium, a t to wavy, flame stru	lesinated; with 50% of one one thick, beds; medium ctures noted. From 4975.5 g to core 60° @ 4971'.	ļ		
4978.0 - 5007.0	bedded with few thin b	eds; bed conta	cts sharp and flat wi	dum grey; medium to thick th some flame structures. @ 5000', 25°/55° @ 5007'.			
Drill Hole Record	<u> </u>			Gominoo Page 27			

Commenced Completed Core Size Corr. Dip Verl. Comp. Co-ordinates True Brg. Color Size Corr. Dip Verl. Comp. Co-ordinates True Brg. Color Size State St	Property Sulliva	District	Western Hole No. DDH64	464					
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Objective Description Des	Completed	Core Size	Carr. Dip	Vert. Comp.		_			
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Soon.0 - 5053.0 Guertz wacke, quartz arenite, with a fair amount of wacke and minor subwacke and argillite; thick bedded; bed contacts sharp and flat, mome slightly wavy. Predominantly argillite 5020 - 5023.5' has a 10 cm fault of gouge and rock chipm, upper contact of fault cuts core at 400. Bedding to core: curves from 350 to 150 g 5020', cleavage is opposite at 630, 450 g 5033'. 5053.0 - 5065.0 Wacke, subwacke and argillite; medium gray; thin bedded, rarely laminated; bad contacts sharp and wavy (folding?); beds are graded. Core is broken from 5060 - 5065'. Slickensides noted on some bedding planes, but not common. Bedding/cleavage (opposite?) 420/020 g 5057'. 5065.0 - 5290.0 Lithotypes and cyclic type of sedimentation typical of lest several hundred continues to 5290'. 5290.0 - 5652.0 Predominantly subwacke and argillite; some wacke and minor quartz wacke. Bedding is near perallel and parallel to core throughout this interval.	Objective		% Recov.	Date	· 	_] [9,6	<u> </u>	<u>د</u>
argillite; thick bedded; bed contacts sharp end flat, mome slightly wavy. Predominantly argillite 5020 - 5023.5' has a 10 cm fault of gouge and rock chips, upper contact of fault cuts core at 400. Bedding to core: curves from 350 to 150 g 5020', cleavage is opposite at 630, 450 g 5033'. 5053.0 - 5065.0 Wacke, subwacke and argillite; medium grey; thin bedded, rarely laminated; bed contacts sharp and wavy (folding?); beds are graded. Core is broken from 5060 contacts sharp and wavy (folding?); beds are graded. Core is broken from 5060 contacts sharp and wavy (folding?); beds are graded. Core is broken from 5060 contacts sharp and cycliding?); beds are graded. Core is broken from 5060 contacts sharp and cycliding?); beds are graded. Core is broken from 5060 contacts of 5065'. Slickensides noted on some bedding planes, but not common. Bedding/cleavage (opposite?) 420/020 g 5057'. 5065.0 - 5290.0 Lithotypes and cyclid type of sedimentation typical of last several hundred continues to 5290'. 5290.0 - 5652.0 Predominantly subwacke and argillite, some wacke and minor quartz wacke. Bedding is near parallel and parallel to core throughout this interval.		eription							F
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	5652.0 - 5701	sharp and flat. Be						} ·	
	5652.0 - 5701	sharp and flat. Be						-	 -

APPENDIX B

SULLIVAN MINE GROUP OF MINERAL CLAIMS

NOVEMBER 27, 1986

		Number of	Units
1.	Crown-Granted M.C.		680
2.	Held by Assessment:		
	2(a) TWO POST CLAIMS		
	Luke Group Rho Group Med Group Donna, Etc. Group Uke Group Mar Group Bad Group Late Group Mat Group Jackpot	75 20 15 15 11 17 36 91 268	549
	2(b) REVERTED CROWN GRANTED MINERAL CLAIMS		
	Tip 4-12 Hope 2-12 Sun 2-12 Cue 2-12 B.C., Silver Bell, Tarrant Black Hills, Yankee Girl, Wasp Fr. Blue Dragon	9 11 11 11 3 3	49
	2(c) MINERAL CLAIMS (54)		
	Dip 1-8 Fal 1-14 Golf 1-3 Quark 1&2 Fin 1-3 Mead 1-3 Gin 1-9 Clair 24-32 Mark 1-3	56 84 17 12 18 36 110 56	406
3.	Greenhorn Mineral Lease		1
	GRAND TOTAL (1 + 2 + 3)		1,685

APPENDIX C

STATEMENT OF EXPENDITURES

DDH 6464

DIRECT COSTS

Contractor: Connors Drilling Ltd.

2007 West Trans Canada Highway Kamloops, B.C. V15 1A7

Drilling O' - 5701', all invoices

\$258,413.28

Direct costs = \$258,413.28

INDIRECT COSTS

Şa	la	ri	es	:

P.W. Ransom - Geologist - supervision, core logging,

report writing 88 days @ \$250/day \$ 22,000.00

<u>Supplies</u>: Mud - gel 6,477.00 - polymers etc. 43,795.94

Core boxes 2,734.71

Transportation:

Geologist 4X4 truck - 88 days @ \$40/day 3,250.00 Transportation of mud etc. 1,929.48

Cominco Charges:

Road and site construction 7,625.00

Snow clearing 2,460.00

Inter-office freight charges re supplies 492.48

Core racks - Labour 2,185.70

- Materials (est.) + installation 2,000.00

Install radios at drill 360.00

Carpentry work 620.00 Federal and Provincial sales taxes re Cominco work 501.74

Other Contractors:

Crestbrook Forest Industries, Cranbrook, B.C. -

bridge and culvert installation 4.374.22

Indirect costs = \$100,806.27

Total Direct + Indirect costs = \$359,219.55

Signed: 6

P.W. RANSOM

Project Geologist

APPENDIX D

IN THE MATTER OF THE

B.C. MINERAL ACT

AND

IN THE MATTER OF A DIAMOND DRILL PROGRAMME
CARRIED OUT ON THE TELFER AND BURGESS CLAIM GROUPS

MARK CREEK AREA

in the Fort Steele Mining Division of the Province of British Columbia

More Particularily N.T.S. 82F/9

AFFIDAVIT

- I, P.W. Ransom, of the rural district of Wycliffe, in the Province of British Columbia, make Oath and say:
- 1. That I am employed as a Geologist by Cominco Ltd. and as such, have a personal knowledge of the facts to which I hereinafter depose:
- That annexed hereto and marked as Appendix C to this my Affidavit is a true copy of expenditures incurred on a Diamond Drill programme, on the Telfer and Burgess mineral claim groups.
- 3. That the said expenditures were incurred between the 1st day of October, 1987 and the 15th day of February, 1988 for the purpose of mineral exploration on the above noted claim group.

P.W. RANSOM PROJECT GEOLOGIST

APPENDIX E

STATEMENT OF QUALIFICATIONS

As author of this report, I, Paul W. Ransom, certify that:

I am a geologist active in minerals exploration.

I am a graduate of McGill University with a degree of Bachelor of Science.

I have been continuously engaged in mining and exploration since 1966.

I am a member of the Geological Association of Canada.

I supervised Cominco Ltd.'s Sullivan Mine area exploration drilling program in 1987 and 1988.

P.W. RANSOM. G.A.C.